id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
164953	63498	0	34004	László Pitlik	1738578396	1738578650	1	Corrupted logistic robot	The first challenge should be interpreted as follows: There is a logistic robot (demo: https://miau.my-x.hu/miau/304/robotkar.MOV). This robot is functioning	1	0	0	0	0	0	0		72	531

									- seemingly correctly. Question: are we capable of deriving all of the rules behind the visible surface? Testing scenarios are already prepared: https://miau.my-x.hu/miau/320/												

									testing_task1.xlsx Tasks: interpreting all test scenarios (XLSX: 1;...;12), understanding data/structures, deriving the rules of the black box system, defining substitution-characters/colours for the used pattern											

									: ?(????) <-- detailed solutions for place-ID (A;B;C;D)										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
164960	63498	164953	34004	László Pitlik	1738579542	1738580140	1	Re: Corrupted logistic robot	Detailed demo-solutions for Scenario #9 (in Experiment# 1): ***  *** Cell(E27)_old_all=?(????) <--Cell(E27)_new_ =greenCell(E	1	0	0	0	0	0	0		46	773

									28)_old_all=?(????) <--Cell(E28)_new_ =blue Cell(E29)_old_all=?(????) <--Cell(E29)_new_ =red Cell(E30)_old_all=?(????) <--Cell(E30)_new_ =not-used ***											

									Cell(E27)_ol ? (????) <--Cell(E27)_new_number=1 Cell(E28)_ol ? (????) <--Cell(E28)_new_number=2 Cell(E29)_ol ? (????) <--Cell(E29)_new_													

									number=1 Cell(E30)_ol **?** (????) <--Cell(E30)_new_number=not-used=0 *** Cell(E27)_old_all=?(**????**) <--Cell(E27)_new_letters=(b) Cell(E28)_old_all=?(**????**) <--Cell(E28)										

									_new_letters=(ad) Cell(E29)_old_all=?(**????**) <--Cell(E29)_new_letters=(c) Cell(E30)_old_all=?(**????**) <--Cell(E30)_new_letters=not-used=() *** Basic question: Is it correct? If not, which solution-layer												

									why not?										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
164961	63498	164960	44100	László Pitlik	1738580107	1738580107	1	Tárgy: Re: Corrupted logistic robot	Parallel question: How should we store all solution layers in case of all Students and assumped that everybody may store unlimited guesses for each experiment, scenario,	1	0	0	0	0	0	0		59	333

									layer? (It means: each layer can have different number of guesses in case of a particular Student. / The expected database-structure should support the evaluation of the best Student based e.g. on pivot-tables/q											

									ueries. ..)										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
164962	63498	164960	46683	Bilegt Gankhuyag	1738663173	1738663173	1	Tárgy: Re: Corrupted logistic robot	Cell(E27)_old_all=?(????) <--Cell(E27)_new_color=green looks like should be: Cell(E27)_old_all=?(????) <--Cell(E27)_new_color=yellow besides this, the solution	1	0	0	0	0	0	0		24	232

									seem to be correct overall. Deriving from: https://miau.my-x.hu/miau/320/testing_task1.xlsx										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
164963	63498	164953	46683	Bilegt Gankhuyag	1738664848	1738664848	1	Tárgy: Corrupted logistic robot	Question: are we capable of deriving all of the rules behind the visible surface? Answer: not all of the rules from the visible surface. Only the fact that the	1	0	0	0	0	0	0		285	2960

									robot seem to be pickin g up the "c ube"s from first in line and then sc anning (most likely the color) them using using the ma chine on the left(fr om the camer a point) then st acking them on the left in color										

order.
Task:
EXPT.
9
***
Cell(E
27)_ol
d_all=
?(????
) <--C
ell(E2
7)_ne
w_
color
=yello
w
Cell(E
28)_ol
d_all=
?(????
) <--C
ell(E2
8)_ne
w_
color
= blue
Cell(E
29)_ol
d_all=
?(????
) <--C
ell(E2
9)_ne
w_

color=red Cell(E30)_old_all=?(????) <--Cell(E30)_new_color=not-used *** Cell(E27)_old_all=?(????) <--Cell(E27)_new_number=1 Cell(E28)_old_all=?(????) <--Cell(E28)_new_number=2

Cell(E29)_old_all=?(????)<--Cell(E29)_new_number=1
Cell(E30)_old_all=?(????)<--Cell(E30)_new_number=not-used=0
***
Cell(E27)_old_all=?(????)<--Cell(E27)_new_letters=(b)
Cell(

E28)_old_all=?(????) <--Cell(E28)_new_letters=(ad)
Cell(E29)_old_all=?(????) <--Cell(E29)_new_letters=(c)
Cell(E30)_old_all=?(????) <--Cell(E30)_new_letters=not-used=()
***
EXPT. 10
***

Cell(K27)_old_all=?(????) <--Cell(K27)_new_color=green
Cell(K28)_old_all=?(????) <--Cell(K28)_new_color = red
Cell(K29)_old_all=?(????) <--Cell(K29)_new_color=yellow
Cell(K30)_old_all=

?(????) <--Cell(K30)_new_color=not-used *** Cell(K27)_old_all=?(????) <--Cell(K27)_new_number=2 Cell(K28)_old_all=?(????) <--Cell(K28)_new_number=1 Cell(K29)_old_all=?(????)

<--Cell(K29)_new_number=1
Cell(K30)_old_all=?
(????)
<--Cell(K30)_new_number=not-used=0
***
Cell(K27)_old_all=?(????)
<--Cell(K27)_new_letters=(ab)
Cell(K28)_old_all=?(????)
<--Cel

l(K28)
new
letters
=(c)
Cell(K
29)_ol
d_all=
?(
????)
<--Cel
l(K29)
new
letters
=(d)
Cell(K
30)_ol
d_all=
?(
????)
<--Cel
l(K30)
new
letters
=not-u
sed=()
***
EXPT.
11
***
Cell(Q
27)_ol
d_all=
?(????
) <--C

ell(Q27)_new_color=red Cell(Q28)_old_all=?(????) <--Cell(Q28)_new_color=green Cell(Q29)_old_all=?(????) <--Cell(Q29)_new_color=yellow Cell(Q30)_old_all=?(????) <--Cell(Q30)_ne

w_color=not-used *** Cell(Q27)_old_all=? (????) <--Cell(Q27)_new_number=1 Cell(Q28)_old_all=? (????) <--Cell(Q28)_new_number=2 Cell(Q29)_old_all=? (????) <--Cell(Q29)_new_numbe

r=1
Cell(Q30)_old_all=?
(????)
<--Cell(Q30)_new_number=not-used=0
***
Cell(Q27)_old_all=?(????)
<--Cell(Q27)_new_letters=(b)
Cell(Q28)_old_all=?(????)
<--Cell(Q28)_new_letters=(ad)

Cell(Q29)_old_all=?(????) <--Cell(Q29)_new_letters=(c) Cell(Q30)_old_all=?(????) <--Cell(Q30)_new_letters=not-used=() *** EXPT. 12

*** Cell(W27)_old_all=?(???) <--Cell(W27)_new_

color
=yello
w
Cell(
W28)_
old_all
=?(???
?) <--
Cell(
W28)_
new_
color
=
green
Cell(
W29)_
old_all
=?(???
?) <--
Cell(
W29)_
new_
color
=blue
Cell(
W30)_
old_all
=?(???
?) <--
Cell(
W30)_
new_
color
=not-

used
***
Cell(
W27)_
old_all
= ?
(????)
<--Cel
l(W27
)_new
_numb
er=1
Cell(
W28)_
old_all
= ?
(????)
<--Cel
l(W28
)_new
_numb
er=1
Cell(
W29)_
old_all
= ?
(????)
<--Cel
l(W29
)_new
_numb
er=2
Cell(
W30)_

old_all = ? (????) <--Cell(W30)_new_number=not-used=0 *** Cell(W27)_old_all=?(????) <--Cell(W27)_new_letters=(a) Cell(W28)_old_all=?(????) <--Cell(W28)_new_letters=(b) Cell(W29)_old_all

								=?(????) <--Cell(W29)_new_letters=(cd) Cell(W30)_old_all=?(????) <--Cell(W30)_new_letters=not-used=( ) ***										
164965	63498	164962	34004	László Pitlik	1738667616	1738667616	1	Re: Tárgy: Re: Corrupted logistic robot	Argumentation = there is no green cube in the set... :-)	1	0	0	0	0	0	0		11	46

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
164966	63498	164963	34004	László Pitlik	1738667799	1738667921	1	Re: Tárgy: Corrupted logistic robot	There is a lot of potential errors in the solutions for #10-11-12 (c.f. https://miau.my-x.hu/miau/320/testing_task1_guesses.xlsx). Please, derive: which scenarios are pros and which scenar	1	0	0	0	0	0	0		41	325

									ios are cons for each particular solution-layer? Please, try to answer layer-by-layer! (e.g. EXPT.10***Cell(K27)_old_all=?(????) <--Cell(K27)_new_color=green <--pros? & cons?)									

id	discussion	parent	userid	userfullname	created	modified	maild	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
164967	63498	164961	46683	Bilegt Gankhuyag	1738668356	1738668356	1	Tárgy: Re: Corrupted logistic robot	Each experiment (EXPT.9, EXPT.10, etc.) contains multiple guesses for different cell references (E27, K27, etc.), with three key attributes: New Color (e.g., yellow, blue,	1	0	0	0	0	0	0		126	808

red)
New Number (e.g., 1, 2, 0)
New Letters (e.g., (a), (b), etc.)

Data entry(EXPT.9):
INSERT INTO Guesses (student_id, experiment_id, layer_id, cell_reference, old_value, new_color, n

```
ew_nu
mber,
new_l
etters,
timest
amp)
VALU
ES
(1, 9,
1,
'E27', '
?(????
)', 'yell
ow', 1,
'(b)', C
URRE
NT_TI
MEST
AMP),
(1, 9,
1,
'E28', '
?(????
)',
'blue',
2,
'(ad)',
CURR
ENT_
TIME
STAM
P),
(1, 9,
1,
```

'E29', '?(????)', 'red', 1, '(c)', CURRENT_TIMESTAMP), (1, 9, 1, 'E30', '?(????)', 'not-used', 0, '()', CURRENT_TIMESTAMP);

Query to find the "best student"

```
SELECT student_id, COUNT(*) AS
```

									correct_guesses FROM Evaluations WHERE correct = 1 GROUP BY student_id ORDER BY correct_guesses DESC; retrieving guesses from other experiments: SELECT * FROM Gue										

									sses WHERE experiment_id = 10;(11; etc.)										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
164969	63498	164967	44100	László Pitlik	1738672819	1738672819	1	Tárgy: Re: Corrupted logistic robot	It would be nice to see an Excel-demo with at least one appropriate pivot-output to demonstrate the power of the suggested (seemingly robust) data-structure...	1	0	0	0	0	0	0		24	136

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
164970	63498	164960	45293	Márk Zsigmond Lévai	1738673240	1738673262	1	Tárgy: Re: Corrupted logistic robot	Colour Layer: b is mapped to green while there is no green Number Layer: Seems valid if numbers indicate stacking height. Letters Layer: No, d or a appears in the layer	1	0	0	0	0	0	0		85	953

Which solution-layer is incorrect and why?

Colour Layer: unused color green and yellow

Letters Layer: Inconsistent with the number layer.

Correct solution looks something like this:
***

									Cell(E27)_old_all=?(????) <--Cell(E27)_new_colour=yellow Cell(E28)_old_all=?(????) <--Cell(E28)_new_colour=blue Cell(E29)_old_all=?(????) <--Cell(E29)_new_colour=red Cell(E30)_old_all=?(????											

) <--C
ell(E3
0)_ne
w_col
our=n
ot-
used
***
Cell(E
27)_ol
d_all=
?(????
) <--C
ell(E2
7)_ne
w_nu
mber=
1
Cell(E
28)_ol
d_all=
?(????
) <--C
ell(E2
8)_ne
w_nu
mber=
2
Cell(E
29)_ol
d_all=
?(????
) <--C
ell(E2

9)_new_number=1 Cell(E30)_old_all=?(????) <--Cell(E30)_new_number=not-used=0 *** Cell(E27)_old_all=?(????) <--Cell(E27)_new_letters=(b) Cell(E28)_old_all=?(????) <--Cell(E28)_new_lett

									ers=(a) Cell(E29)_old_all=?(????) <--Cell(E29)_new_letters=(c) Cell(E30)_old_all=?(????) <--Cell(E30)_new_letters=not-used=(d) ***										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
164971	63498	164960	47139	Benjámin Honti	1738674839	1738674839	1	Tárgy: Re: Corrupted logistic robot	Answer is: Not correct, why? Because Cell(E27)_old_all=?(????) <--Cell(E27)_new_colour=green, this is the error, because it should be yellow instead of green.	1	0	0	0	0	0	0		53	827

Correct solution looks like this:

***
Cell(E27)_old_all=?(????) <--Cell(E27)_new_colour=yellow
Cell(E28)_old_all=?(????) <--Cell(E28)_new_colour=blue
Cell(E29)_old_all=?(????) <--C

ell(E29)_new_colour=red
Cell(E30)_old_all=?(????) <--Cell(E30)_new_colour=not-used
***
Cell(E27)_old_all=?(????) <--Cell(E27)_new_number=1
Cell(E28)_old_all=?(????) <--Cell(E28)_ne

w_number=2
Cell(E29)_old_all=?(????) <--Cell(E29)_new_number=1
Cell(E30)_old_all=?(????) <--Cell(E30)_new_number=not-used=0
***
Cell(E27)_old_all=?(????) <--Cell(E27)_new_letters=(b

									) Cell(E28)_old_all=?(????) <--Cell(E28)_new_letters=(ad) Cell(E29)_old_all=?(????) <--Cell(E29)_new_letters=(c) Cell(E30)_old_all=?(????) <--Cell(E30)_new_letters=not-used=() ***											

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
164972	63498	16496 1	47139	Benjámin Honti	1738675144	1738675316	1	Tárgy: Re: Corrupted logistic robot	If we assume that every student can submit unlimited guesses for each experiment, scenario, and solution layer, we need a structured and organized way to store this	1	0	0	0	0	0	0		273	1673

									data. The system should be capable of handling: 1. **Multiple st** s working on the same problem. 2. **Multiple attempts** per student for each scenario. 3. **Different**											

									layers of sol utions as stud ents refine their u nderst anding . 4. **Comp arison s** betwee n correct and in correct answer s to track l earnin g prog ress. **Prop osed S torage Struct ure** We can use a d												

atabase table to store the solutions efficiently. Here is a suggested schema:

Column Name (Description)
Student_ID (Identifies the student who submitted the answer.)
Experiment_ID (The experi

									ment number (e.g., #9, #10, #11, #12).) Layer_ID (Represents the version of a student's solution for a given experiment.) Timestamp (The exact date and time of submission (helps track progress).)											

									Input_Data (The initial setup of cubes/colors (e.g., a, b, c, d with specific colors).) Generated_Output_Data (The student's proposed output (e.g., "2(ab), 1(c), 1(d)").) Correctness_Status (Whether the answer												

									is correct, partially correct, or incorrect.) Teacher_Feedback (Optional field where teachers can give hints or explanations.) How This Structure Helps? 1. **Allows unlimited**											

									guesses – Since each attempt is stored with a unique Layer_ID, students can refine their solutions without over writing previous attempts. 2. **Supports collaboration –** If students compare their Generated_										

Output_Data with peers, they can learn from each other's mistakes.
3. **Provides a learning time line –** With timestamps, we can track whether students improve over time.
4. **Facilitates automated ev**

									aluation – The system can automatically compare Generated_Output_Data with correct patterns and mark correctness (Correct, Incorrect, Partial). 5. **Helps teachers analyze common mistakes –** If many s											

									tudents make the same error, the teacher can adjust explanations accordingly.										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
164977	63498	16497 2	34004	László Pitlik	1738702846	1738702846	1	Re: Tárgy: Re: Corrupted logistic robot	It would also be nice to see an Excel-demo with at least one appropriate pivot-output to demonstrate the power of the suggested (seemingly robust) data-structure... (Remark: In a	1	0	0	0	0	0	0		71	374

final thesis, if texts are integrated into the own documents, but they come from conversations with the ChatGPT/Copilot/etc. - it is always necessary to use quotation signs and the source must also be define

									d. A plagiat-problem is the last, what somebody do need...											

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
164978	63498	164971	34004	László Pitlik	1738702987	1738702987	1	Re: Tárgy: Re: Corrupted logistic robot	If this solution (for scenario #9) will be accepted as a fact (similar to the scenarios #1-2-3-4-5-6-7-8, are we already prepared to solve the problems presented in scenarios #10-11-12?	1	0	0	0	0	0	0		29	157

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
164980	63498	164953	34004	László Pitlik	1738742138	1738742138	1	Re: Corrupted logistic robot	Please, try to declare potential rules based on the TESTING_TASK1.XLSX ! Rule# 1: Based on the scenarios #4-5-6-7-8: green towers of cubes will consequently be built	1	0	0	0	0	0	0		102	516

on the place-id "A". Rule#i: (your turns in new entries below) (Based on a lot of these partial rules, we have to derive the "hermeneutic trap" created for your in this task!) (This task is a kind of magic perfor

									mance, where your mind will be influenced to think/to see in an irrational way...) (You have the necessary details to be capable of interpreting the entire system correctly, but one disturbing impulse is presen											

									t - even in multiply copies...)										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
164981	63498	16497 8	47139	Benjámin Honti	1738749589	1738749718	1	Tárgy: Re: Tárgy: Re: Corrupted logistic robot	In the excel file, yellow and green are always in the first place, maybe it's not a coincidence? maybe they are related in some way, because then how could you	1	0	0	0	0	0	0		81	352

decide what the order will be in #10 #11 #12?

yellow and green never met before the #10.

In addition, it was written "accidentally" that there is green instead of yellow

									. Anyway, my first answer to #9 is what I wrote, but it's going to be more complicated than we think.										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
164982	63498	164980	47139	Benjámin Honti	1738750193	1738750193	1	Tárgy: Re: Corrupted logistic robot	The rules are: The system is a "Black Box" that produces an output according to specific rules The columns contain different input values (Input x) (e.g. a, b, c,	1	0	0	0	0	0	0		155	690

									d). The outputs are organized according to certain rules, arranging the colored cubes in towers. (Green and yellow in 1st place, blue in 2nd place and finally red in 3rd place) Their										

shape looks like this ?(????), the falling question mark is replaced by how many pieces of the given color are found (if there are more pieces, then by definition there will not be 1 but more

									than 1, this can also be seen in the robot video, because it stacks the cubes of the same color on top of each other. The question marks in the brackets indicate which letters are assigned to the given color.										

									And the task is to answer #9 #10 #11 #12 and write something instead of the many question marks.											
164983	63498	164981	44100	László Pitlik	1738753707	1738753707	1	Tárgy: Re: Tárgy: Re: Corrupted logistic robot	Excellent interpretations!	1	0	0	0	0	0	0		2	25

id	discussion	parent	userid	userfullname	created	modified	maild	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
164984	63498	164982	44100	László Pitlik	1738754101	1738754101	1	Tárgy: Re: Corrupted logistic robot	Recommendation for this task: the rules should be formulated as simple as possible! Long text streams do not really have a clear structure. The rules are correct formul	1	0	0	0	0	0	0		45	228

									ated, if they can be transformed into source codes by all of you without any comlications (cf. Knuth)..										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
164988	63498	164953	46675	Shagai Turtogtokh	1738765110	1738765110	1	Re: Corrupted logistic robot	The general requirement of the black box system in this case is to sort colored blocks into 4 slots (A, B, C, D). Each slot should hold blocks of one color only. The Pr	1	0	1	0	0	0	0		259	1294

									oblem is hap pening in scen arios #4, #9–12; the system makes a mist ake: it assigns the color green to slot A in the curren t logic. Howe ver, slot A was alread y assig ned to the color yellow in scen ario#1											

									This mix-up (green and yellow in slot A) breaks the rule of “one color per slot.” The system can’t stack blocks correctly because of this conflict. Example: In Experiment #2 (Scenario #9),												

									the system mistakenly places a yellow block in slot A. However, in Scenario #5, a green block is placed in the same slot A. This inconsistency causes multiple colors to be stacked in one column, leadin										

								g to sorting errors. >>>> The detailed solution for scenarios #9-12 and the corrected logic on experiment#1 are in the attached EXCEL file. The issue is that two different colors are being assigned to a										

									single placeholder, which indicates a flaw in the system's logic. This may be due to outdated internal software or a malfunctioning sensor. Additionally, the color recognition algorithm might not be working prop												

									erly. Furthe r possi ble ex perime nts: By adding more colors and pl acehol ders to give more r andom ized inputs to test the per forma nce with the correct logic. Testin g color recogn ition al gorith m by r										

									eal-time monitoring. Instead of RGB, we can use HSV for multi-dimensional color analysis. In real-life scenarios, it is crucial to identify items without any mistakes In any condition.										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
164989	63498	16498	34004	László Pitlik	1738771398	1738771398	1	Re: Corrupted logistic robot	Excellent focus points can be found in the above-presented interpretation. BUT the offered xlsx-version is still in the hermeneutical trap it means, the solution can not be accept	1	0	0	0	0	0	0		167	939

ed.
The above-listed conclusions are more complex, than the reality is. :-)
Detailed argumentation:
GREEN towers may not built everywher, only on the slot/place-id "A": the initial scenarios (#1

								-2-3-4-5-6-7-8) present clear examples: green cubes must be to slot "A". We do not have other "instruction" and the instructions (rules) MUST BE FOLLOWED: a software do make each step											

based on pre defini ed rules. We are sea rching for such an inte rpretat ion for the bla ck-box -syste m, where EACH previo us rule is valid for ever. It is fo rbidde n to cr eate/as sume hidden rules, which are

given, but the impacts of these hidden rules could still not be observed. More observations/scenarios are not needed to interpret the black box system as a very-very-simple white-box-system. We have h

									oweve r to ignore the very i mpuls e leadin g to the her meneu tical tr apping ... The interpr etation above did alread y highl ight this se nsitive point... :-)										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
164990	63498	16498 9	34004	László Pitlik	1738772676	1738772676	1	Re: Corrupted logistic robot	Sub-task helping to focus correctly: Which sentence is the most relevant? here: https://moodle.kodolanyi.hu/mod/forum/discuss.php?d=63498#p164988	1	0	0	0	0	0	0		13	133

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
164991	63498	164989	34004	László Pitlik	1738772774	1738772774	1	Re: Corrupted logistic robot	Sub-task helping to focus correctly: Which rules (coming from scenarios #1-2-3-4-5-6-7-8 are definitely not followed? here in case of scenarios #10-11-12: https://moodle.kodo	1	0	0	0	0	0	0		22	253

									lanyi.hu/pluginfile.php/444774/mod_forum/attachment/164988/testing_task1_Shagai.xlsx?forcedownload=1										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
164992	63498	164960	46674	Boldsukh Ganzorig	1738786168	1738786168	1	Re: Corrupted logistic robot	Basic question answer: Not correct. WHY ? In Experiment#1, Scenario #9, there is not any green colour in "Input9" column, which makes first solution layer wrong (Cell(	1	0	0	0	0	0	0		58	869

									E27)_old_all=?(???) <--Cell(E27)_new_colour=green). The correct answer is *** Cell(E27)_old_all=?(????) <--Cell(E27)_new_colour=yellow Cell(E28)_old_all=?(????) <--Cell(E28)_new_colour=bl											

									ue Cell(E29)_old_all=?(????) <--Cell(E29)_new_colour=red Cell(E30)_old_all=?(????) <--Cell(E30)_new_colour=not-used *** Cell(E27)_old_all=?(????) <--Cell(E27)_new_number=1 Cell(E											

28)_old_all=?(????) <--Cell(E28)_new_number=2
Cell(E29)_old_all=?(????) <--Cell(E29)_new_number=1
Cell(E30)_old_all=?(????) <--Cell(E30)_new_number=not-used=0
***
Cell(E27)_old_all=

?(????) <--Cell(E27)_new_letters=(b)
Cell(E28)_old_all=?(????) <--Cell(E28)_new_letters=(ad)
Cell(E29)_old_all=?(????) <--Cell(E29)_new_letters=(c)
Cell(E30)_old_all=?(????) <--Cell(E30)_ne

									w_letters=not-used=() ***										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereply	privatereplytofullname	wordcount	charcount
164993	63498	164960	46677	Ganbat Bayanmunkh	1738787075	1738787191	1	Re: Corrupted logistic robot	Basic question answer is incorrect. why? there is no green. Experiment# 1 Scenario#9 Cell(E27)_old_all=?(????) <--Cell(E27)_new_colour=yellow Cell(E28)_old_all=?(????) <--C	1	0	0	0	0	0	0		119	2721

ell(E28)_new_colour=blue Cell(E29)_old_all=?(????) <--Cell(E29)_new_colour=red Cell(E30)_old_all=?(????) <--Cell(E30)_new_colour=not-used *** Cell(E27)_old_all=?(????) <--Cell(E27)_ne

									w_number=1 Cell(E28)_old_all=?(????) <--Cell(E28)_new_number=2 Cell(E29)_old_all=?(????) <--Cell(E29)_new_number=1 Cell(E30)_old_all=?(????) <--Cell(E30)_new_number=not-used=0												

***
Cell(E27)_old_all=?(????) <--Cell(E27)_new_letters=(b)
Cell(E28)_old_all=?(????) <--Cell(E28)_new_letters=(ad)
Cell(E29)_old_all=?(????) <--Cell(E29)_new_letters=(c)
Cell(E30)_old_all=

?(????) <--Cell(E30)_new_letters=not-used=()

Scenario#10 Cell(K27)_old_all=?(????) <--Cell(E27)_new_colour=yellow Cell(K28)_old_all=?(????) <--Cell(E28)_new_colour=green Cell(K29)_old_all=

?(????) <--Cell(E29)_new_colour=red
Cell(K30)_old_all=?(????) <--Cell(E30)_new_colour=not-used
***
Cell(K27)_old_all=?(????) <--Cell(E27)_new_number=1
Cell(K28)_old_all=?(????) <--C

									ell(E28)_new_number=2 Cell(K29)_old_all=?(????) <--Cell(E29)_new_number=1 Cell(K30)_old_all=?(????) <--Cell(E30)_new_number=not-used=0 *** Cell(K27)_old_all=?(????) <--Cell(E27)_ne											

w_letters=(d)
Cell(K28)_old_all=?(????) <--Cell(E28)_new_letters=(ab)
Cell(K29)_old_all=?(????) <--Cell(E29)_new_letters=(c)
Cell(K30)_old_all=?(????) <--Cell(E30)_new_letters=not-used=()

Scenario#11 Cell(Q27)_old_all=?(????) <--Cell(E27)_new_colour=yellow Cell(Q28)_old_all=?(????) <--Cell(E28)_new_colour=green Cell(Q29)_old_all=?(????) <--Cell(E29)_new_colour=red Cell(Q

30)_old_all=?(????) <--Cell(E30)_new_colour=not-used *** Cell(Q27)_old_all=?(????) <--Cell(E27)_new_number=1 Cell(Q28)_old_all=?(????) <--Cell(E28)_new_number=2 Cell(Q29)_old_all=

									?(????) <--Cell(E29)_new_number=1 Cell(Q30)_old_all=?(????) <--Cell(E30)_new_number=not-used=0 *** Cell(Q27)_old_all=?(????) <--Cell(E27)_new_letters=(c) Cell(Q28)_old_all=?(????) <--C												

ell(E28)_new_letters=(ad) Cell(Q29)_old_all=?(????) <--Cell(E29)_new_letters=(b) Cell(Q30)_old_all=?(????) <--Cell(E30)_new_letters=not-used=()

Scenario#12 Cell(W27)_old_all=?(???) <--

								Cell(E27)_new_colour=yellow Cell(W28)_old_all=?(???) <-- Cell(E28)_new_colour=blue Cell(W29)_old_all=?(???) <-- Cell(E29)_new_colour=green Cell(W30)_old_all=?(???) <-- Cell(E30)_new_colour=n												

ot-used *** Cell(W27)_old_all=?(???) <-- Cell(E27)_new_number=1 Cell(W28)_old_all=?(???) <-- Cell(E28)_new_number=2 Cell(W29)_old_all=?(???) <-- Cell(E29)_new_number=1 Cell(

W30)_old_all=?(???) <-- Cell(E30)_new_number=not-used=0
***
Cell(W27)_old_all=?(???) <-- Cell(E27)_new_letters=(a)
Cell(W28)_old_all=?(???) <-- Cell(E28)_new_letters=(cd)
Cell(W29)_old_all

								=?(??? ?) <-- Cell(E 29)_ne w_lett ers=(b) Cell(W30)_ old_all =?(??? ?) <-- Cell(E 30)_ne w_lett ers=no t-used =()										

id	discussion	parent	userid	userfullname	created	modified	maild	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
164994	63498	164960	46671	Ariunbold Munkhjargal	1738788178	1738788178	1	Re: Corrupted logistic robot	In Scenario #9 (Experiment #1), the input is: • • • • Since there is no green	1	0	0	0	0	0	0		102	978

cube in the input, there is no doubt that green should not appear as the first output in this Scenario. In other words, with no green present, the only possible color for the first output (cell E27) is yellow

this time.

The correct solution is:

Color Layer:
Cell(E27)_old_all=?(????) <--Cell(E27)_new_colour=yellow
Cell(E28)_old_all=?(????) <--Cell(E28)_new_colour=blue
Cell(E29)_old_all=

									?(????) <--Cell(E29)_new_colour=red Cell(E30)_old_all=?(????) <--Cell(E30)_new_colour=not-used **Number Layer:** Cell(E27)_old_all=?(????) <--Cell(E27)_new_number=1 Cell(E												

28)_old_all=?(????) <--Cell(E28)_new_number=2
Cell(E29)_old_all=?(????) <--Cell(E29)_new_number=1
Cell(E30)_old_all=?(????) <--Cell(E30)_new_number=not-used=0

Letters Layer

:
Cell(E27)_old_all=?(????) <--Cell(E27)_new_letters=(b)
Cell(E28)_old_all=?(????) <--Cell(E28)_new_letters=(ad)
Cell(E29)_old_all=?(????) <--Cell(E29)_new_letters=(c)
Cell(E30)_old_all=

									?(????) <--Cell(E30)_new_letters=not-used =()										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
164995	63498	164992	34004	László Pitlik	1738789770	1738789770	1	Re: Corrupted logistic robot	Is this scenario (#9) with the above-mentioned correct solution a relevant information unit for the further cases? (scenarios #10-11-12)	1	0	0	0	0	0	0		19	118

id	discussion	parent	userid	userfullname	created	modified	maild	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
164996	63498	164993	34004	László Pitlik	1738789992	1738789992	1	Re: Corrupted logistic robot	Unfortunately, these solutions for the scenarios #10-11-12 are not acceptable: e.g. because of the 5-times declared rule (see scenarios #4-5-6-7-8): green cubes must definitely be	1	0	0	0	0	0	0		37	205

									placed to spot "A"! Each rule must be followed in any rate...										
164997	63498	164994	34004	László Pitlik	1738790143	1738790143	1	Re: Corrupted logistic robot	Is this correct-interpreted scenario (#9) helpful for the further (unsolved) scenarios (see #10-11-12)?	1	0	0	0	0	0	0		13	91

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
164998	63498	164960	46668	Amin-Erdene Ankhbold	1738792048	1738792048	1	Tárgy: Re: Corrupted logistic robot	Answer for basic question: WRONG There is no green, instead we have yellow, blue and red colors. According to the other scenarios, when there is no green, yellow	1	0	0	0	0	0	0		67	850

takes place A, in this case Cell(E27). So, correct answer would looks like:

Cell(E27)_old_all=?(????) <--Cell(E27)_new_colour=yellow Cell(E28)_old_all=?(????) <--Cell(E28)_new_colour=blue Cell(E

29)_old_all=?(????) <--Cell(E29)_new_colour=red Cell(E30)_old_all=?(????) <--Cell(E30)_new_colour=not-used *** Cell(E27)_old_all=?(????) <--Cell(E27)_new_number=1 Cell(E28)_old_all=

?(????) <--Cell(E28)_new_number=2
Cell(E29)_old_all=?(????) <--Cell(E29)_new_number=1
Cell(E30)_old_all=?(????) <--Cell(E30)_new_number=not-used=0
***
Cell(E27)_old_all=?(????) <--C

ell(E27)_new_letters=(b)
Cell(E28)_old_all=?(????) <--Cell(E28)_new_letters=(a)
Cell(E29)_old_all=?(????) <--Cell(E29)_new_letters=(c)
Cell(E30)_old_all=?(????) <--Cell(E30)_new_letters=no

									t-used =(d)										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
164999	63498	16498 9	46666	Battuguldur Tuyatsetseg	1738792491	1738792762	1	Re: Corrupted logistic robot	IF green is exclusive to ID A. Therefore, yellow cannot appear on ID A. If the first test/scenario shows yellow on ID A, it must be an error or an exception that needs	1	0	0	0	0	0	0		57	237

									to be corrected. By replacing yellow with green on ID A and assigning yellow to ID D, we ensure that all rules are followed.										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165000	63498	164980	46668	Amin-Erdene Ankhbold	1738792907	1738792907	1	Tárgy: Re: Corrupted logistic robot	Rules based on observation on the TESTING_TASK1.XLSX and logistic robot's demo video: Rule# 1: The robot will pick one cube at a time. Rule# 2: The robot	1	0	0	0	0	0	0		81	377

will only pick the cubes in the given order. Rule# 3: Based on the scenarios, GREEN cubes built on place-id "A", BLUE cubes on place-id "B" and RED cubes build on place-id "C". Rule# 4:

									Based on the scenario #1 and scenario #9 of the experiment #2 tables YELLOW cubes will build a tower on the place-id "A".										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165001	63498	164995	46674	Boldsukh Ganzorig	1738793186	1738793186	1	Re: Corrupted logistic robot	In the rules 4 to 8 scenario, GREEN cube must be placed to spot "A". BLUE cube must be placed to spot "B", RED cube must be placed to spot "C" according to the	1	0	0	0	0	0	0		247	2689

									rule 2 to 8. Each spot already occupied by the cubes except YELLOW cube. Logically, A for GREEN, B for BLUE, C for RED and there is one spot that empty. However, The rule of scenario 1, YELLO												

									W cubes must be on spot "A", if YELLOW cube meet GREEN cube, Rule 1 cannot be followed due to Rule 4-8 scenario. So, if GREEN cube and YELLOW cubes matched, GREEN one MUST											

									be on spot "A" and YELLOW one cannot be on neither "B" nor "C" spots, because of Rule 2-8 scenario they are already occupied by BLUE and RED cubes. Finally there is single spot that											

									empty is "D" and we can put YELLOW cube to the spot "D". Experiment# 1, Scenario# 10,11, 12 answers according to the rules. Experiment# 1 Scenario#10 Cell(K27)_old_all= ?(????) <--C											

									ell(K27)_new_colour=green Cell(K28)_old_all=?(????) <--Cell(K28)_new_colour=not-used Cell(K29)_old_all=?(????) <--Cell(K29)_new_colour=red Cell(K30)_old_all=?(????) <--Cell(K30)_new_col											

									our=yellow *** Cell(K27)_old_all=?(????) <--Cell(K27)_new_number=2 Cell(K28)_old_all=?(????) <--Cell(K28)_new_number=not-used=0 Cell(K29)_old_all=?(????) <--Cell(K29)_new_number=1												

Cell(K30)_old_all=?(????) <--Cell(K30)_new_number=1
***
Cell(K27)_old_all=?(????) <--Cell(K27)_new_letters=(a b)
Cell(K28)_old_all=?(????) <--Cell(K28)_new_letters=not-used=()
Cell(K29)_ol

d_all=?(????) <--Cell(K29)_new_letters=(c)
Cell(K30)_old_all=?(????) <--Cell(K30)_new_letters=(d)
Scenario#11
Cell(Q27)_old_all=?(????) <--Cell(Q27)_new_colour=green
Cell(Q28)_ol

d_all=?(????) <--Cell(Q28)_new_colour=not-used Cell(Q29)_old_all=?(????) <--Cell(Q29)_new_colour=red Cell(Q30)_old_all=?(????) <--Cell(Q30)_new_colour=yellow *** Cell(Q27)_old_all=?(????

) <--Cell(Q27)_new_number=2
Cell(Q28)_old_all=?(????) <--Cell(Q28)_new_number=not-used=0
Cell(Q29)_old_all=?(????) <--Cell(Q29)_new_number=1
Cell(Q30)_old_all=?(????) <--Cell(Q30)_ne

w_number=1 *** Cell(Q27)_old_all=?(????) <--Cell(Q27)_new_letters=(ad) Cell(Q28)_old_all=?(????) <--Cell(Q28)_new_letters=not-used=() Cell(Q29)_old_all=?(????) <--Cell(Q29)_new_letters=(b

)
Cell(Q30)_old_all=?(????) <--Cell(Q30)_new_letters=(c)
***
Scenario#12
***
Cell(W27)_old_all=?(???) <--Cell(W27)_new_colour=green
Cell(W28)_old_all=?(???) <--Cell(W28)_new_colour=

blue
Cell(W29)_old_all=?(???) <-- Cell(W29)_new_colour=not-used
Cell(W30)_old_all=?(???) <-- Cell(W30)_new_colour=yellow
***
Cell(W27)_old_all=?(???) <-- Cell(W27)_new_number=1
Cell(

W28)_old_all=?(???) <-- Cell(W28)_new_number=2
Cell(W29)_old_all=?(???) <-- Cell(W29)_new_number=not-used=0
Cell(W30)_old_all=?(???) <-- Cell(W30)_new_number=1
***
Cell(W27)_old_all

=?(???
?) <--
Cell(
W27)_
new_l
etters=
(b)
Cell(
W28)_
old_all
=?(???
?) <--
Cell(
W28)_
new_l
etters=
(cd)
Cell(
W29)_
old_all
=?(???
?) <--
Cell(
W29)_
new_l
etters=
not-us
ed=()
Cell(
W30)_
old_all
=?(???
?) <--
Cell(

									W30)_ new_l etters= (a) ***										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165002	63498	164999	46666	Battuguldur Tuyatsetseg	1738793528	1738794005	1	Re: Corrupted logistic robot	Green is exclusive to ID A for smaller towers (1-3 cubes). Yellow is exclusive to ID A for larger towers (4 cubes) when all inputs are the same color. This	1	0	0	0	0	0	0		130	528

means:

If the input cubes are different colors, the system builds smaller towers, and green is used for ID A.

If the input cubes are the same color, the system builds larger towers, and yellow is used

									for ID A. Since IDs can only have one colored tower at a time, the system must choose between green and yellow based on the input colors. If the inputs are different colors, use											

									green for ID A. If the inputs are the same color, use yellow for ID A. Or yellow is on ID A if there no green in input :-)										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165003	63498	165000	46668	Amin-Erdene Ankhbold	1738793583	1738793583	1	Tárgy: Re: Corrupted logistic robot	Based on the above rules that I have drawn from my observations, I solved the scenarios #10, #11 and #12	1	0	1	0	0	0	0		20	85

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165004	63498	164996	46677	Ganbat Bayanmunkh	1738794157	1738794157	1	Re: Corrupted logistic robot	So, If yellow and green must be placed to spot "A" for example experiment# 1 scenario1-8 and experiment# 2 scenario 1-8, So both of them must be placed to spot	1	0	0	0	0	0	0		142	2346

								"A". Can we stack green and yellow on spot "A", according to the rules it does not break any rules, there is not rules about 2 different colors cannot stack on each other. Scenario#10 Cell(K											

									27)_old_all=?(????) <--Cell(E27)_new_colour=green,yellow Cell(K28)_old_all=?(????) <--Cell(E28)_new_colour=not-used Cell(K29)_old_all=?(????) <--Cell(E29)_new_colour=red Cell(K30)_old_all=											

?(????) <--Cell(E30)_new_colour=not-used *** Cell(K27)_old_all=?(????) <--Cell(E27)_new_number=3 Cell(K28)_old_all=?(????) <--Cell(E28)_new_number=not-used=0 Cell(K29)_old_all=?(????

) <--C
ell(E2
9)_ne
w_nu
mber=
1
Cell(K
30)_ol
d_all=
?(????
) <--C
ell(E3
0)_ne
w_nu
mber=
not-us
ed=0
***
Cell(K
27)_ol
d_all=
?(????
) <--C
ell(E2
7)_ne
w_lett
ers=(a
cd)
Cell(K
28)_ol
d_all=
?(????
) <--C
ell(E2

8)_new_letters=not-used=()
Cell(K29)_old_all=?(????) <--Cell(E29)_new_letters=(c)
Cell(K30)_old_all=?(????) <--Cell(E30)_new_letters=not-used=()

Scenario#11
Cell(Q27)_old_all=?(????) <--C

									ell(E27)_new_colour=green,yellow Cell(Q28)_old_all=?(????) <--Cell(E28)_new_colour=not-used Cell(Q29)_old_all=?(????) <--Cell(E29)_new_colour=red Cell(Q30)_old_all=?(????) <--Cell(E30)_ne													

w_colour=not-used *** Cell(Q27)_old_all=?(????) <--Cell(E27)_new_number=3 Cell(Q28)_old_all=?(????) <--Cell(E28)_new_number=not-used=0 Cell(Q29)_old_all=?(????) <--Cell(E29)_new_nu

mber=1 Cell(Q30)_old_all=?(????) <--Cell(E30)_new_number=not-used=0 *** Cell(Q27)_old_all=?(????) <--Cell(E27)_new_letters=(acd) Cell(Q28)_old_all=?(????) <--Cell(E28)_new_letters=not-used

=()
Cell(Q29)_old_all=?(????) <--Cell(E29)_new_letters=(b)
Cell(Q30)_old_all=?(????) <--Cell(E30)_new_letters=not-used=()

Scenario#12
Cell(W27)_old_all=?(???) <--Cell(E27)_new_colour=y

									ellow, green Cell(W28)_ old_all =?(??? ?) <-- Cell(E 28)_ne w_col our=bl ue Cell(W29)_ old_all =?(??? ?) <-- Cell(E 29)_ne w_col our=n ot-used Cell(W30)_ old_all =?(??? ?) <-- Cell(E 30)_ne w_col our=n ot-used												

***
Cell(W27)_old_all=?(???) <-- Cell(E27)_new_number=2
Cell(W28)_old_all=?(???) <-- Cell(E28)_new_number=2
Cell(W29)_old_all=?(???) <-- Cell(E29)_new_number=not-used=0
Cell(W30)_

old_all=?(???) <-- Cell(E30)_new_number=not-used=0 *** Cell(W27)_old_all=?(???) <-- Cell(E27)_new_letters=(a b) Cell(W28)_old_all=?(???) <-- Cell(E28)_new_letters=(c d) Cell(W29)_old_all=?(???

								?) <-- Cell(E29)_new_letters=not-used =() Cell(W30)_old_all =?(???) <-- Cell(E30)_new_letters=not-used =()										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165005	63498	16496 0	46680	Zandangarav Nyambaatar	1738794437	1738794437	1	Tárgy: Re: Corrupted logistic robot	It is correct except for the first row. We don't have a green cube, so green which is in the first row should be replaced with yellow. Cell(E27)_old_all = ?	1	0	0	0	0	0	0		60	321

(????) <-- Cell(E27)_new_color = yellow
Cell(E28)_old_all = ? (????) <-- Cell(E28)_new_color = blue
Cell(E29)_old_all = ? (????) <-- Cell(E29)_new_color = red
Cell(E30)_old_all = ? (????) <-- Cell(E30)

									new color = not used.										

id	discussion	parent	userid	userfullname	created	modified	maild	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165006	63498	164998	34004	László Pitlik	1738824484	1738824484	1	Re: Tárgy: Re: Corrupted logistic robot	Cell(E30)_old_all=?(????) <--Cell(E30)_new_letters=not-used=(d) <--Why is this particular definition wrong? Please, deliver argumentations based on the entire documentation	1	0	0	0	0	0	0		17	162

here!

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165007	63498	164999	34004	László Pitlik	1738824831	1738824831	1	Re: Corrupted logistic robot	IF green is exclusive to ID A. Therefore, yellow cannot appear on ID A.<--this declaration is wrong, if each scenario (#1-2-3-4-5-6-7-8) and its results should be accepted for ever!	1	0	0	0	0	0	0		93	453

								Yellow cubes do appear in ID A (see scenario #1). <--There is no error, there is no exception! The facts (scenarios #1-2-3-4-5-6-7-8) must be accepted as facts. The ancient and unfortunately											

									the mo dern "s cience " try to interpr et the world so, that a lot of facts are ex cluded in order to have a nive th erory.. . :-) But this proces s is not to follow in gen eral...									

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165008	63498	165000	34004	László Pitlik	1738826621	1738826621	1	Re: Tárgy: Re: Corrupted logistic robot	Rule# 1-2 = logistic rule and not a logical rule about the process logic behing the logistic... Rule# 3 = it is more rules parallel: #3a for green cubes, #3b for blue cubes,	1	0	0	0	0	0	0		84	422

									#3c for red cubes, BUT the #3b and #3c are more strong than #3a! Why? Please, use the mirroring technique: the opposite declaration should also be interpreted (e.g. there are positive scenarios for #3b											

									and there is no scenario with opposite conclusions/risk potentials)... (Experiment #2 is in this moment quasi still not existing:-)									

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165010	63498	165003	34004	László Pitlik	1738827197	1738827197	1	Re: Tárgy: Re: Corrupted logistic robot	https://moodle.kodolanyi.hu/pluginfile.php/444774/mod_forum/attachment/165003/testing_task1%20-%20Amin-Erdene.xlsx?forcedownload=1 <--WOW! + https://moodle.kodolanyi.h	1	0	0	0	0	0	0		80	688

u/mod/forum/discuss.php?d=63498#p164988 <-- see first sentence (Each slot should hold blocks of one color only.)<--Important declarion - but true or wrong compared of the above-highlighted WOW-XLSX? Who is

finally capable of seeing the expected complexity with the expected clarity?! What is the hermeneutical trap in the definition of this task (see: https://moodle.kodolanyi.hu/mod/forum/discuss.php?d=63498#p1

									64960) (((BT W: such kind of logical constr uction s will later be nec essary, when you are writin g the final thesis, especi ally the chapte r about the lite rature behind your t hesis-t itle...)))										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165011	63498	165001	34004	László Pitlik	1738827472	1738827472	1	Re: Corrupted logistic robot	if YELLOW cube meet GREEN cube, Rule 1 cannot be followed due to Rule 4-8 scenario. <-- wrong association (wrong solutions for #10-11-12). See: https://moodle.	1	0	0	0	0	0	0		35	231

									kodolanyi.hu/mod/forum/discuss.php?d=63498#p165010 The rule of the scenario# 1 must be followed for ever...										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165012	63498	165002	34004	László Pitlik	1738827751	1738827751	1	Re: Corrupted logistic robot	Interesting approach: but it can not be accepted! The robot does not have any information units about ALL cubes before starting with the tower-building-process! The count	1	0	0	0	0	0	0		82	397

									of the cubes having the same colour is an information unit, but never existing in this system - we observers can interpret such a phenomon (count) - later (after closing a scenario). The robot will											

									never know, how many cubes will still be set into the process and/or when is a process closed at all... :-)										

id	discussion	parent	userid	userfullname	created	modified	maild	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165013	63498	165004	34004	László Pitlik	1738827860	1738827860	1	Re: Corrupted logistic robot	So, If yellow and green must be placed to spot "A" for example experiment# 1 scenario1-8 and experiment# 2 scenario 1-8, So both of them must be placed to spot	1	0	0	0	0	0	0		65	351

									"A". Can we stack green and yellow on spot "A", according to the rules it does not break any rules, there is not rules about 2 different colors cannot stack on each other. <--WOW (still										

									see: https://moodle.kodolanyi.hu/mod/forum/discuss.php?d=63498#p165010)										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165014	63498	165005	34004	László Pitlik	1738828018	1738828018	1	Re: Tárgy: Re: Corrupted logistic robot	It is worth to read all previous entries ! :-) Especially: https://moodle.kodolanyi.hu/mod/forum/discuss.php?d=63498#p165013 Go, please, from this link backward!	1	0	0	0	0	0	0		17	144

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165015	63498	164984	47139	Benjámin Honti	1738831761	1738831761	1	Tárgy: Re: Corrupted logistic robot	The system takes input values (e.g., a, b, c, d) and determines the number and color of the cubes. The output is organized into towers, following a fixed color order: 1st	1	0	0	0	0	0	0		102	462

									place: Green and Yellow cubes 2nd place: Blue cubes 3rd place: Red cubes The output format is ?(???), where: The "?" is replaced by the number of cubes of that color. The brackets contai											

									n the c orresp onding input values for that color. If there are mu ltiple cubes of the same color, they are stacke d on top of each other (e.g., if there are 2 green cubes, the first place will										

									show "2Green").											

id	discussion	parent	userid	userfullname	created	modified	maild	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165016	63498	165015	34004	László Pitlik	1738833368	1738833368	1	Re: Tárgy: Re: Corrupted logistic robot	What is the conclusion based on these declarations concerning the scenarios #10-11-12! The KNUTH-principle says: knowledge/science is, what can be transformed/transferred/tra	1	0	0	0	0	0	0		36	262

									nslated /transs cripted into source codes = what can be used for op erative steps in an o bjectiv e/cons istent/ conseq uent way...										
16501 8	63498	16500 3	47139	Benjá min Honti	17388 33665	17388 33665	1	Tárgy: Re: Co rrupte d logisti c robot	This is very good!	1	0	0	0	0	0	0		4	15

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165019	63498	165018	34004	László Pitlik	1738834838	1738834838	1	Re: Tárgy: Re: Corrupted logistic robot	Please, always try to use the "very-good-materials" for the next step of the concluding process...	1	0	0	0	0	0	0		15	84

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165020	63498	164960	34004	László Pitlik	1738848263	1738848263	1	Re: Corrupted logistic robot	New task: please, try to create a rel. small, but complex prompt for the ChatGPT and/or Copilot, etc. in order to involve it into this project. This task has two layers:	1	0	0	0	0	0	0		51	244

									what is a good prompt? Parallel: how good is the interpretation potential of ChatGPT/Copilot/etc. - in caseof a good prompt!										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165021	63498	165011	46674	Boldsukh Ganzorig	1738856659	1738856659	1	Tárgy: Re: Corrupted logistic robot	According to all scenario rules, there is not any rules about not stacking different color. It seems bit tricky but, in logically, robot can put one cube in the spot at	1	0	0	0	0	0	0		186	2539

time in order. So, in scenario 10, green block must be on the spot A firstly twice before the yellow one. In scenario 11, green, yellow and green again in order. In the scenario 12, green one is placed after

									yellow in order. Here are the correct answers following all the rules in scenario 1 to 8. Experiment# 1, Scenario# 10,11, 12 answers according to the rules. Experiment# 1 Scenario#10 Cell(K											

27)_old_all=?(????) <--Cell(K27)_new_colour=green, yellowCell(K28)_old_all=?(????) <--Cell(K28)_new_colour=not-usedCell(K29)_old_all=?(????) <--Cell(K29)_new_colour=redCell(K30)_old_all=

?(????) <--Cell(K30)_new_colour=not used *** Cell(K27)_old_all=?(????) <--Cell(K27)_new_number=3 Cell(K28)_old_all=?(????) <--Cell(K28)_new_number=not-used=0 Cell(K29)_old_all=?(????

) <--C
ell(K2
9)_ne
w_nu
mber=
1
Cell(K
30)_ol
d_all=
?(????
) <--C
ell(K3
0)_ne
w_nu
mber=
not-us
ed=0
***
Cell(K
27)_ol
d_all=
?(????
) <--C
ell(K2
7)_ne
w_lett
ers=(a
bd)
Cell(K
28)_ol
d_all=
?(????
) <--C
ell(K2

8)_new_letters=not-used =() Cell(K29)_old_all= ?(????) <--Cell(K29)_new_letters=(c) Cell(K30)_old_all= ?(????) <--Cell(K30)_new_letters=not-used =() *** Scenario#11 *** Cell(Q27)_old_all= ?(????

									) <--Cell(Q27)_new_colour=green, yellowCell(Q28)_old_all=?(????) <--Cell(Q28)_new_colour=not-usedCell(Q29)_old_all=?(????) <--Cell(Q29)_new_colour=redCell(Q30)_old_all=?(????) <--Cell(Q3											

0)_new_colour=not-used *** Cell(Q27)_old_all=?(????) <--Cell(Q27)_new_number=3 Cell(Q28)_old_all=?(????) <--Cell(Q28)_new_number=not-used=0 Cell(Q29)_old_all=?(????) <--Cell(Q29)_ne

w_number=1 Cell(Q30)_old_all=?(????) <--Cell(Q30)_new_number=not-used=0 *** Cell(Q27)_old_all=?(????) <--Cell(Q27)_new_letters=(acd) Cell(Q28)_old_all=?(????) <--Cell(Q28)_new_letters=no

t-used =() Cell(Q29)_old_all= ?(????) <--Cell(Q29)_new_letters=(b) Cell(Q30)_old_all= ?(????) <--Cell(Q30)_new_letters=not-used =() *** Scenario#12 *** Cell(W27)_old_all=?(???) <--Cell(W27)_

new_colour=yellow, green
Cell(W28)_old_all=?(???) <-- Cell(W28)_new_colour=blue
Cell(W29)_old_all=?(???) <-- Cell(W29)_new_colour=not-used
Cell(W30)_old_all=?(???) <-- Cell(W30)_new_colour=

not-used *** Cell(W27)_old_all=?(???) <-- Cell(W27)_new_number=2 Cell(W28)_old_all=?(???) <-- Cell(W28)_new_number=2 Cell(W29)_old_all=?(???) <-- Cell(W29)_new_number=not-used=0

Cell(W30)_old_all=?(???) <-- Cell(W30)_new_number=not-used=0 *** Cell(W27)_old_all=?(???) <-- Cell(W27)_new_letters=(ab) Cell(W28)_old_all=?(???) <-- Cell(W28)_new_letters=(cd) Cell(W29)_

									old_all=?(???) <-- Cell(W29)_new_letters=not-used=() Cell(W30)_old_all=?(???) <-- Cell(W30)_new_letters=not-used=() ***									

id	discussion	parent	userid	userfullname	created	modified	maild	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165022	63498	165021	34004	László Pitlik	1738857860	1738857860	1	Re: Tárgy: Re: Corrupted logistic robot	WOW! What can we identify as hermeneutical trap in the definition of this entire task? Why are a lot of wrong solutions/interpretations? How should have been formulated this task as	1	0	0	0	0	0	0		41	212

									such in order to min imize the mi sunder standi ng pot ential of this task?										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165023	63498	165022	46675	Shagai Turtogtokh	1738862685	1738862685	1	Re: Tárgy: Re: Corrupted logistic robot	We assumed each slot could hold only one color, ignoring the possibility of stacking. This is a hermeneutical trap a thinking error where our biases (like assuming "one color,	1	0	0	0	0	0	0		97	540

									one slot") blind us to simpler logic. The robot logic worked correctly; the problem was our false interpretation. Hermeneutical traps happen when we force our beliefs onto situations											

									instead of seeking the real explanation. I can see/experience that biases distort understanding. Always test assumptions against evidence. to minimize the potential misunderstanding of this task,										

									we can state the rules explicitly. e.g. Multiple colors can occupy the same slot.										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165024	63498	164960	46682	Yaruu-Aldar Enkhtur	1738863696	1738863696	1	Re: Corrupted logistic robot	The basic question answer is: Incorrect. Reason: In Experiment #1, Scenario #9, there is no green color present in the "Input 9" column. This means that the first so	1	0	0	0	0	0	0		66	902

lution layer is incorrect, specifically: Cell(E27)_old_all=?(????) ← Cell(E27)_new_colour=green.

The correct answer: *** Cell(E27)_old_all=?(????) <--Cell(E27)_new_colour=yellow Cell(E28)_ol

d_all=?(????) <--Cell(E28)_new_colour=blue Cell(E29)_old_all=?(????) <--Cell(E29)_new_colour=red Cell(E30)_old_all=?(????) <--Cell(E30)_new_colour=not-used *** Cell(E27)_old_all=?(????

) <--C
ell(E2
7)_ne
w_nu
mber=
1
Cell(E
28)_ol
d_all=
?(????
) <--C
ell(E2
8)_ne
w_nu
mber=
2
Cell(E
29)_ol
d_all=
?(????
) <--C
ell(E2
9)_ne
w_nu
mber=
1
Cell(E
30)_ol
d_all=
?(????
) <--C
ell(E3
0)_ne
w_nu

mber=not-used=0 *** Cell(E27)_old_all=?(????) <--Cell(E27)_new_letters=(b) Cell(E28)_old_all=?(????) <--Cell(E28)_new_letters=(ad) Cell(E29)_old_all=?(????) <--Cell(E29)_new_letters=(c)

									Cell(E30)_old_all=?(????) <--Cell(E30)_new_letters=not-used=() ***										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165025	63498	164953	46671	Ariunbold Munkhjargal	1738864472	1738864472	1	Re: Corrupted logistic robot	**Summary of the Rules** (IN031: Corrupted logistic robot | KJE Moodle + IN031: Corrupted logistic robot | KJE Moodle) •	1	0	1	0	0	0	0		204	1015

- The assumption that each slot should contain only one color is **false**. In

earlier scenarios, it seemed true, but in Scenario #12, multiple colors appear in the same slot.

This reveals the **hermeneutical trap**—we assumed a more complex rule than necessary. The

correct rule is that green always goes to slot A if present, and the other colors shift accordingly. Towers are not strictly limited to one color per slot; multiple towers can appear in the same slot when

									needed. (IN031 : Corrupted logistic robot | KJE Moodle)										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165027	63498	165023	34004	László Pitlik	1738865983	1738865983	1	Re: Tárgy: Re: Corrupted logistic robot	Exact interpretation! Parallel: the robot does not have information about more than 3 colours (red, blue, green), AND for each undefinied colour-code, slot A is dedicated! Congr	1	0	0	0	0	0	0		31	180

									atulation! Project is closed ! :-)										
165028	63498	165024	34004	László Pitlik	1738866027	1738866027	1	Re: Corrupted logistic robot	FYI: https://moodle.kodolanyi.hu/mod/forum/discuss.php?d=63498#p165023	1	0	0	0	0	0	0		2	69

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165029	63498	165025	34004	László Pitlik	1738866096	1738866096	1	Re: Corrupted logistic robot	Please, compare your solution with this one: https://moodle.kodolanyi.hu/mod/forum/discuss.php?d=63498#p165023	1	0	0	0	0	0	0		8	103

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165033	63498	164960	46681	Amgalanbaatar Amarsanaa	1738866722	1738866790	1	Re: Corrupted logistic robot	The first solution layer (Colours) is incorrect because: • • **Solution** Cell(E27)_old_all=?(????	1	0	1	0	0	0	0		99	1027

) <-- Cell(E27)_new_colour=yellow

Cell(E28)_old_all=?(????) <-- Cell(E28)_new_colour=blue

Cell(E29)_old_all=?(????) <-- Cell(E29)_new_colour=red

Cell(E30)_old_all=?(????) <-- C

									ell(E30)_new_colour=not-used Numbers C Cell(E28)_old_all=?(????) <-- Cell(E28)_new_number=2 Cell(E29)_old_all=?(????) <-- Cell(E2										

9)_new_number=1

Cell(E30)_old_all=?(????) <-- Cell(E30)_new_number=not-used=0

Letters

Cell(E27)_old_all=?(????) <-- Cell(E27)_new_letters=(b)

Cell(E

28)_old_all=?(????) <-- Cell(E28)_new_letters=(ad)

Cell(E29)_old_all=?(????) <-- Cell(E29)_new_letters=(c)

Cell(E30)_old_all=?(????) <-- Cell(E30)_new_letters=not-used=()

Final

									Answer: The first solution layer (colours) was incorrect due to the green value. The correct assignment should be yellow instead. Numbers and letters layers were correct.										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165034	63498	165033	34004	László Pitlik	1738867779	1738867779	1	Re: Corrupted logistic robot	Please, follow the closing interpretations here: https://moodle.kodolanyi.hu/mod/forum/discuss.php?d=63498#p165023	1	0	0	0	0	0	0		7	108

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165035	63498	164960	46678	Nurbol Byekbolat	1738880472	1738880472	1	Tárgy: Re: Corrupted logistic robot	Not correct ,this error happened because it is yellow instead of green (Cell(E27)_old_all=?(????) <--Cell(E27)_new_colour=green). Correct anwser: ***Cell(E	1	0	0	0	0	0	0		44	789

27)_old_all=?(????) <--Cell(E27)_new_colour=yellow
Cell(E28)_old_all=?(????) <--Cell(E28)_new_colour=blue
Cell(E29)_old_all=?(????) <--Cell(E29)_new_colour=red
Cell(E30)_old_all=?(????) <--C

									ell(E30)_new_colour=not-used *** Cell(E27)_old_all=?(????) <--Cell(E27)_new_number=1 Cell(E28)_old_all=?(????) <--Cell(E28)_new_number=2 Cell(E29)_old_all=?(????) <--Cell(E29)_ne												

w_number=1
Cell(E30)_old_all=?(????) <--Cell(E30)_new_number=not-used=0
***
Cell(E27)_old_all=?(????) <--Cell(E27)_new_letters=(b)
Cell(E28)_old_all=?(????) <--Cell(E28)_new_letters=(a

									d) Cell(E29)_old_all=?(????) <--Cell(E29)_new_letters=(c) Cell(E30)_old_all=?(????) <--Cell(E30)_new_letters=not-used=() ***										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165036	63498	165035	34004	László Pitlik	1738908008	1738908008	1	Re: Tárgy: Re: Corrupted logistic robot	Do/Did we need the information units from the experiment#2 in order to derive the hermeneutical trap as such? Which experiment (#1 or #2) has more (relevant) informati	1	0	0	0	0	0	0		31	156

									on units if at all?										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165044	63498	165036	46680	Zandangarav Nyambaatar	1739045882	1739045882	1	Tárgy: Re: Tárgy: Re: Corrupted logistic robot	Experiment #2 contains more relevant information units compared to Experiment #1. In Experiment #1, the colors green, red, and blue follow a known order, while yellow is the	1	0	0	0	0	0	0		64	333

									unknown variable. Yellow could appear first, between any of the other colors, or last. However, in Experiment #2, yellow is clearly placed first in input 9, which provides a more definite and relevant piece										

									of information.										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165045	63498	164961	45293	Márk Zsigmond Lévai	1739051924	1739051924	1	Tárgy: Re: Corrupted logistic robot	I would use a database structure with separate tables for students, experiments, solution layers, student solutions, and evaluations. This setup would allow for unlimited	1	0	1	0	0	0	0		98	494

									guesses per student per layer. In Excel, I would use pivot tables to analyze total scores, the number of guesses, and the best guesses per student. This structure would support detailed evaluation											

									and help rank students based on performance and correctness. This is my answer to experiment # 1 EXP 9-12 and experiment # 2 9-12 Please let me know if there's anything I'm missing or if I've											

									made any errors in my approach.										
165046	63498	16496 3	34004	László Pitlik	1739065148	1739065148	1	Re: Tárgy: Corrupted logistic robot	Please, try to interpret the enteri communication - especially this one: https://moodle.kodolanyi.hu/mod/forum/discuss.php?d=63498#p165027	1	0	0	0	0	0	0		12	126

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165047	63498	165045	34004	László Pitlik	1739065369	1739065369	1	Re: Tárgy: Re: Corrupted logistic robot	https://miau.my-x.hu/miau/320/moodle_cubes_logic/testing_task1_solutions.xlsx <--please, compare your solution with this one. Question: can we define a structure for storing	1	0	0	0	0	0	0		31	263

									unlimized guesses WITHOUT clarifying the final visualisation for the common accepted solutions for scenarios #10-11-12?										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165048	63498	165027	34004	László Pitlik	1739065457	1739065457	1	Re: Tárgy: Re: Corrupted logistic robot	https://miau.my-x.hu/miau/320/moodle_cubes_logic/testing_task1_solutions.xlsx <-- worth interpreting in order to derive the final structure for storing unlimited guesses!	1	0	0	0	0	0	0		15	156

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165065	63498	164961	46675	Shagai Turtogtokh	1739317283	1739317283	1	Re: Tárgy: Re: Corrupted logistic robot	A demo structure for storing unlimited guesses in cases where all student, experiment, scenario, place ID, and layers can be found in the attached EXCEL file.	1	0	1	0	0	0	0		39	198

									Please let me know if there are any suggestions for improving its efficiency.										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165066	63498	165065	34004	László Pitlik	1739334538	1739335476	1	Re: Tárgy: Re: Corrupted logistic robot	The structuring as such is not the direct problem (although we are serach ing for the appropriate storing-structure - but the appropriate structure is not a technical phenomenon rather a way	1	0	0	0	0	0	0		249	1459

									e.g. to suspicion interpretation): we are searching for a storing structure where the reports can be interpreted in a useful way. Selected records are not the expected reports in general. The so-called cross-													

									tabs (in Excel: pivots) create from the selected raw records a multidimensional report with appropriate report-structures (row-headers, column-headers, aggregation-rules, etc.). But selected (raw) record												

									s as such can be interesting IF THE INTERPRETATION RULES FOR THE M ARE GIVEN! Therefore: the develpment steps are in ranked form: 0. Suspicion/hypothesis --> 1. interpretation rules --> 2.										

									needed e.g. pivot-structure (output) ---> 3. storing strucutre (input). The file "guesses_demo.xlsx" presents steps 3. and 2. (if the selected raw records are accepted as reports) but these reports cover no pla											

									nned needs (c.f. step 0), the refore there are no interpr etation rules given to expl ain, w hether a suspi cion/h ypothe sis is wrong or true?! Demo: Suspic ion = The wrong guesse s are using more the 3 slots! Rule:											

									If the count of the affected slots in case of a given (or each) Student is more than 3 for all scenarios (#1-12), than the solution must be wrong! Report: row-header(s): Student-ID(s), Column-headers: Sl											

								ot-IDs, cells = count of guesses concerning the slots, Filter: All scenarios. Expectation: the Slot-ID=D may never exit in the reports in case of Students having the expected solution about the hermeneutical												

									trap! (Parallel demo: https://moodle.kodolanyi.hu/mod/forum/discuss.php?d=63498#p165068)										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165067	63498	165066	34004	László Pitlik	1739334629	1739334629	1	Re: Tárgy: Re: Corrupted logistic robot	This parallel task about the storing structure should have been a kind of hint helping to identify the hermeneutical trap (see: PARALLEL task:-)	1	0	0	0	0	0	0		23	122

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165068	63498	164961	34004	László Pitlik	1739335445	1739335857	1	Re: Tárgy: Re: Corrupted logistic robot	This (https://miau.my-x.hu/miau/320/moodle_cubes_logic/summary_report_20250212-0535.xlsx) is the most recent information package about the activities of the affected Students:	1	0	0	0	0	0	0		183	1243

									the well-known question is, WHO IS THE BEST ? c.f. https://moodle.kodolanyi.hu/mod/forum/discuss.php?d=63498#p165066 (Suspicion = Can we evauate EACH Student with the same evaluation											

									index? / Interpretation rule = IF the COCOY0-model does deliver for each Student the same norm value of 1000, THEN the suspicion/ hypothesis is true / Needed report: OAM (<--identical with this											

								XLSX = https://miau.my-x.hu/miau/320/moodle_cubes_logic/summary_report_20250212-0535.xlsx - where objects = Students, attributes = statistical phenomena with appropriate DIRECTION for a ranked OAM as											

									direct input for COCO-Y0)... Direction demo: e.g. the more is the Number of discussions posted and/or the Number of replies posted and/or the Number of attachments and/or the Number of views											

									and/or the Word count and/or the Character count THE BETTER is the performance + the younger the Earliest post THE BETTER is the performance + the later the Most recent post THE BETTER is											

									the performance... More: https://miau.my-x.hu/miau/320/moodle_cubes_logic/?C=M;O=D - e.g. Which kind of new attributes could we define with which direction to improve the derivation of the											

									BEST STUDENT based on this structure: https://miau.my-x.hu/miau/320/moodle_cubes_logic/discussion.html										

id	discussion	parent	userid	userfullname	created	modified	maild	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165073	63498	164961	46671	Ariunbold Munkhjargal	1739372427	1739372427	1	Re: Tárgy: Re: Corrupted logistic robot	I have prepared an Excel demo file that organizes student guesses in a structured format and includes a pivot table for analysis. The pivot table summarizes studen	1	0	1	0	0	0	0		80	455

t attempts for each cell reference. Rows: Student_ID Columns: Cell_Reference (E27, E28, etc.) Values: Count of correct attempts per cell. The "Overall Correct?" column indicates whether the latest

									valid attempt matches the expected solution. This allows for easy evaluation of students' progress while tracking multiple guesses. Let me know if any adjustments are needed.										

id	discussion	parent	userid	userfullname	created	modified	mailed	subject	message	messageformat	messagetrust	attachment	totalscore	mailnow	deleted	privatereplyto	privatereplytofullname	wordcount	charcount
165074	63498	165073	34004	László Pitlik	1739376064	1739376064	0	Re: Tárgy: Re: Corrupted logistic robot	https://miau.my-x.hu/miau/320/moodle_cubes_logic/guessing_demo.xlsx - Please, see the yellow sheet and the yellow cell! The interpretation as such seems to be smart! :-) But	1	0	0	0	0	0	0		75	429

									the pivot-table presents 2 counts in the yellow cell and one of them is a green-value in the background. If all two raw data are green-values, then the count=2-status is also given - and the monitorin											

									g effect does become irrational?! Excel-pivots can be defined with filters, where the expected rules might probably be enforced?!										