2014-HU-01-EN Task Title, doubleclick to Change!

0 ----	I: hard	II: medium	III: easy	IV: easy
☐ ALG	☐ INF	☐ STRUC	☐ PUZ	☐ SOC	☐ USE

Answer Type: Multiple Choice Mandatory for: none

Body

True

Beaver Bob decides to tell the truth on monday, wednesday and friday and to lie on the others days.
He once told his friends: "Tomorrow I'll tell the truth."

Question

On which day was it occurred?

Answer

A) Monday
B) Wednesday
C) Saturday
D) Sunday

Explanation

Right answer: C
This statement couldn't be true because he would tell the truth two days sequentially. So it could be a lie. Then on the next day he'll lie - two days to lie sequentially: it is possible only on Saturday.

It's informatics

Explain the relevance in informatics of this task **to the target age group**. Use about 3 to 8 sentences. **Do not explain the correct answers of a task**, but give a larger picture.
This puzzle game is about logic and algorithmic thinking. Logic programming is one of the 4 main programming paradigms.
...

Keywords

algorithm, logic programing, prolog

Websites

http://en.wikipedia.org/wiki/Logic_programming
http://en.wikipedia.org/wiki/Prolog

Internal Use

Wording

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Comments

Graphics

Files

All additional files for this task (graphics, scripts, etc.)
2014-HU-01-EN.odt (this file)
2014-HU-01-EN.pdf (this file in pdf format)

Authorship

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