

User manual

for pseudocode interpreter

A self-developed pseudocode interpreter is available for the students of "Algorithms and basics of programming" subject.

The URL of the site is <https://irh.inf.unideb.hu/~vargai/pseudocode/interpreter.php>.

1) Neptun ID

You must enter your Neptun ID (6 alphanumeric characters) here. (Compulsory field.)

2) The instructions of your algorithms

You can type your algorithm into this field according to pseudocode syntax.

3) Execution

By pushing this button, the interpreter starts to analyze and execute the code written into Field 2

4) The input of your program

If the algorithm requires user input, type them into this field before execution. Each value must be in separate lines.

5) The output of your program

It is a kind of screen for your program to share information.

6) Error messages

If the interpreter finds any problem during the syntax analysis or the execution it is displayed here specifying the approximate location of the first issue.

The screenshot shows the web interface of the pseudocode interpreter. It features a light green background with several input and output fields. At the top left, there is a 'Neptun ID*' field with the value 'PI4P2A' and a 'Pseudocode interpreter' label above it. To the right of this is an 'Execution' button. Further right is a 'Hint: Syntax of pseudocode, User manual' link. Below the Neptun ID field is a large text area for 'The instructions of your algorithm:' containing a sample pseudocode program for calculating the LCM of two numbers. To the right of this is another text area for 'The inputs of your program:' with the values '1024' and '32' entered on separate lines. At the bottom left is a text area for 'The output of your program:' showing the execution result: 'Please, give two positive integer numbers: Their LCM is 1024'. At the bottom right is an empty text area for 'Error messages:'. At the bottom left corner, there is a note '* Compulsory field'. At the bottom right corner, it says 'by vargai'. Six numbered arrows (1-6) point to the following elements: 1. 'Pseudocode interpreter' label; 2. 'The instructions of your algorithm:' text area; 3. 'Execution' button; 4. 'The inputs of your program:' text area; 5. 'The output of your program:' text area; 6. 'Error messages:' text area.