

Practice #2: Input, output, and variables

Objectives:

- Understand the concepts of inputs, outputs, and variables.

Steps:

1. The parrot

- Make a program with ask for a user input and print 10 times this input.

Input:

Hello

Output:

Hello Hello Hello Hello Hello Hello Hello Hello Hello Hello

2. The calculator.

- Make a program which ask for user two inputs and print:
 - The multiplication of them
 - The addition of them
 - The subtraction of them
 - The division of them

Input:

Enter the first number: 10

Enter the second number: 5

Output:

$10 \times 5 = 50$

$10 + 5 = 15$

$10 - 5 = 5$

$10 / 5 = 2$

3. The stars rectangle

- Make a program with ask for two user inputs (length and width) and print a square of stars with this length and width. (Do not use if, for or while functions).

Input:

Enter a length: 3

Enter a width: 4

Output:

4. The Logical operator printing

- Make a program which ask for user two Boolean ("True" or "False") and then display the result of the 'and' and the 'or' operator with these Booleans values. (Do not use the if function)

Input:

Enter first Boolean: True

Enter second Boolean: False

Output:

True AND False gives False

True OR False gives True

Input:

Enter first Boolean: False

Enter second Boolean: False

Output:

True AND False gives False

True OR False gives False