

Pair Programming Lab 2

In the following exercise, you will be using Python to solve logical problems in pairs.

- Use the function `input()` to take input from the user
- Use the function `print()` to display output to the user
- For each problem, you should create a file `python##.py` (`##` represents the number of the exercise → for example, 1 or 2a...)
- At the end, compress all the files in 1 folder named “Name1Name2Lab2”

Problem 1:

Take 4 numbers x, y, z, w and compute $x + -y * w / z$. Print the result

Sample Input

20 3 8 5

Sample Output

19

Problem 2:

Take 2 numbers width and height and print the perimeter and area of a rectangle.

Sample Input

5.5 8.5

Sample Output

Area: 46.75

Perimeter: 28

Problem 3:

Take 1 number and check if it's positive or negative

Sample Input

5

-12

Sample Output

positive

negative

Problem 4:

Take 1 number and print its absolute value.

Sample Input

1

-2

Sample Output

1

2

Problem 5:

Take 3 numbers and check if they have the same last digit

Sample Input

5 15 5

17 10 20

Sample Output

They have the same last digit 5

They don't have the same last digit

Problem 6:

Take a number and check if it's even or odd

Sample Input

4

7

Sample Output

Even

Odd