

Pair Programming Lab 1

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
- You are NOT allowed to use if statements
- 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 “Name1Name2Lab1”

Problem 1:

Take two numbers. Print true if they are equal, print false if they are not.

Problem 2:

Take 3 numbers (a, b, c) from the user:

- a) Print true if they are equal, print false if they are not.
- b) Print true if $c > b > a$, print false otherwise.
- c) Print true if 2 of them are equal, print false otherwise.

Problem 3:

Take the first and last name of the user and greet them.

Sample Input

Please enter your first name: Omar

Please enter your last name: Osman

Sample Output

Hello "Omar Osman"

Problem 4:

Take the temperature of the user in Celcius scale and convert it to Fahrenheit and print it.

Formula: $F = C * (9/5) + 32$

Sample Input

0

10

Sample Output

32

50

Problem 5:

Take the radius of a circle and print its area.

Sample Input

5

7

Sample Output

78.54

153.94

Problem 6:

Take 3 numbers and print their average.

Sample Input

2 3 4

Sample Output

Average: 3