"Pre-SeleCtIOn PrOgram fOr the `RObOtIC & IOT COmpetItIOn`"

Date:

Saturday, February 22, 2025
Sunday, February 23, 2025

LOCatIOn: 1337 COmputer TraInIng SChOOl,

BenguerIr

PrOgram SChedule:

Second SeSSIOn: Python

Second exam:

Python

1 – Introduce yourself

DeSCrIptIOn: write a program that ask the user for his name and his

school's name and display them with the following message

"hello [name] from [school_name] , nice to meet you!"

2 – ODD or EVEN?

DeSCrIptIOn: write a program that asks for a integer and display ,

ODD or EVEN.

3 –my awesome counter

DeSCrIptIOn:write a program that ask the user an integer number N and start a counter from 0 to N with a delay of 1 second after each count.

Your output should be like this if the input is 5
0
1
2
3
4
5

4– quadratic equation

DeSCrIptIOn: write a program that ask the user for 3 float numbers a,

b and c then display one of the next messages

"the equation have no solution"

"the equation have one solution"

"the equation have two solutions"

5– biggest number

DeSCrIptIOn: write a program that have a function called
biggest_number(arr) that takes an array of integers as parameter
and returns the biggest number in the array, make sure you write
some tests like the next one

List = [-4, 15, 0, 20, 7]

print(biggest_number(List))

Output: 20

To start coding run the next script in the terminal

./script.sh prenom_nom

To test if my program is working run the next command

python3 [program].py