

## ASSIGNMENT 2

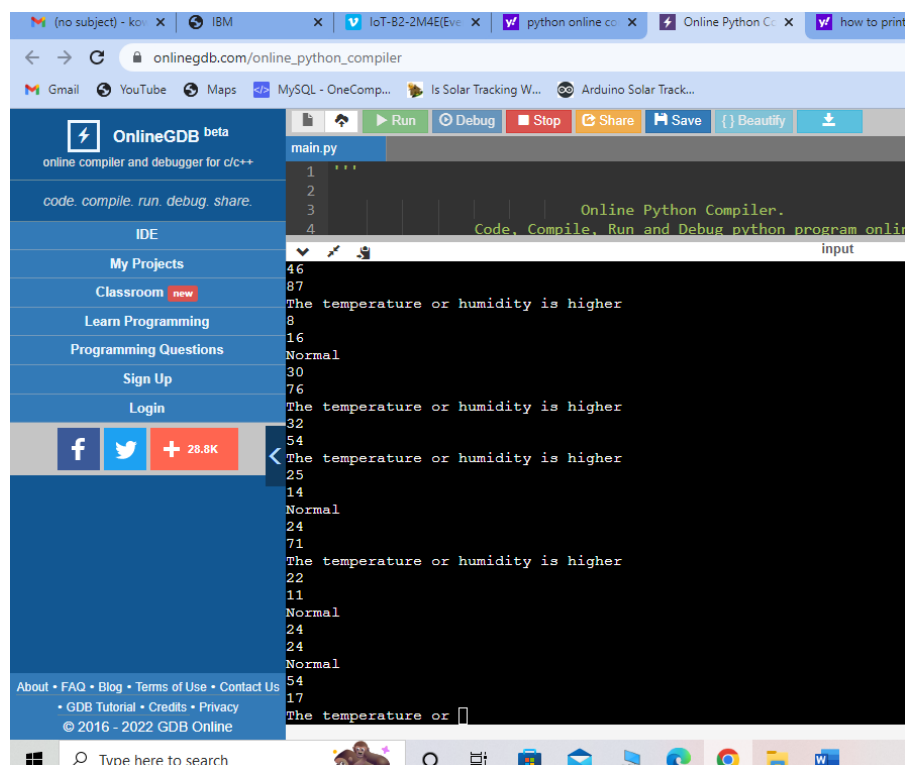
Assignment Date	18 September 2022
Student Name	Pranav Aadhithya K B
Student Roll Number	193002307
Maximum Marks	2 Marks

Build a python code, Assume u get temperature and humidity values (generated with random function to a variable) and write a condition to continuously detect alarm in case of high temperature.

CODING:

```
import random
while True:
    tem = random.choice(range(1,100))
    print(tem)
    hum = random.choice(range(1,100))
    print(hum)
    if tem > 50 or hum > 50:
        print("The temperature or humidity is higher")
    else:
        print("Normal")
```

RESULT:



The screenshot shows the OnlineGDB website interface. The code editor contains the following Python code:

```
1  """
2
3  Online Python Compiler.
4  Code, Compile, Run and Debug python program online
5  """
6
7  import random
8
9  while True:
10     tem = random.choice(range(1,100))
11     print(tem)
12     hum = random.choice(range(1,100))
13     print(hum)
14     if tem > 50 or hum > 50:
15         print("The temperature or humidity is higher")
16     else:
17         print("Normal")
```

The output window shows the following results:

```
46
87
The temperature or humidity is higher
8
16
Normal
30
76
The temperature or humidity is higher
32
54
The temperature or humidity is higher
25
14
Normal
24
71
The temperature or humidity is higher
22
11
Normal
24
24
Normal
54
17
The temperature or
```