

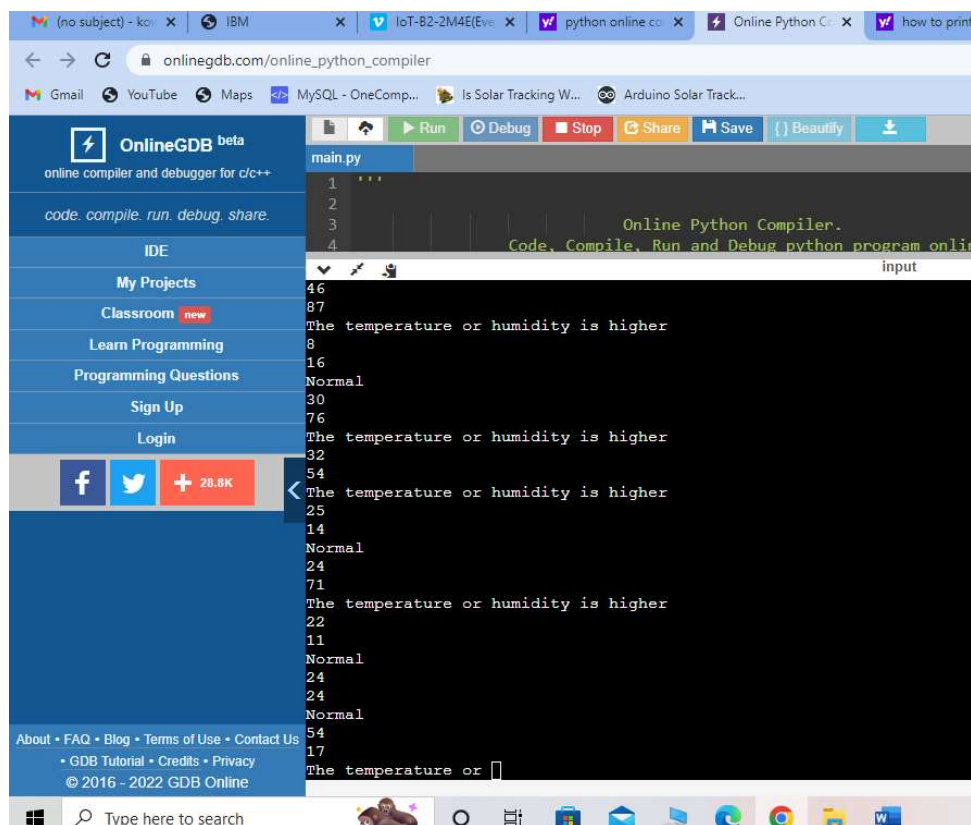
ASSIGNMENT 2

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 displays the OnlineGDB web interface. The browser tabs include 'no subject - kov', 'IBM', 'IoT-B2-2M4E(Eve', 'python online co', 'Online Python Co', and 'how to print'. The address bar shows 'onlinegdb.com/online_python_compiler'. The left sidebar contains navigation links: 'OnlineGDB beta', 'online compiler and debugger for c/c++', 'code. compile. run. debug. share.', 'IDE', 'My Projects', 'Classroom new', 'Learn Programming', 'Programming Questions', 'Sign Up', and 'Login'. Social media icons for Facebook, Twitter, and a '+ 28.8K' button are also present. The main editor area shows a file named 'main.py' with the following code:

```
1 ...
2
3
4 Online Python Compiler.
   Code, Compile, Run and Debug python program online
```

The output window on the right shows the execution results:

```
input
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
```