

SUBMITTED BY JANANI ISHWARYA

## IBM ASSIGNMENT-2

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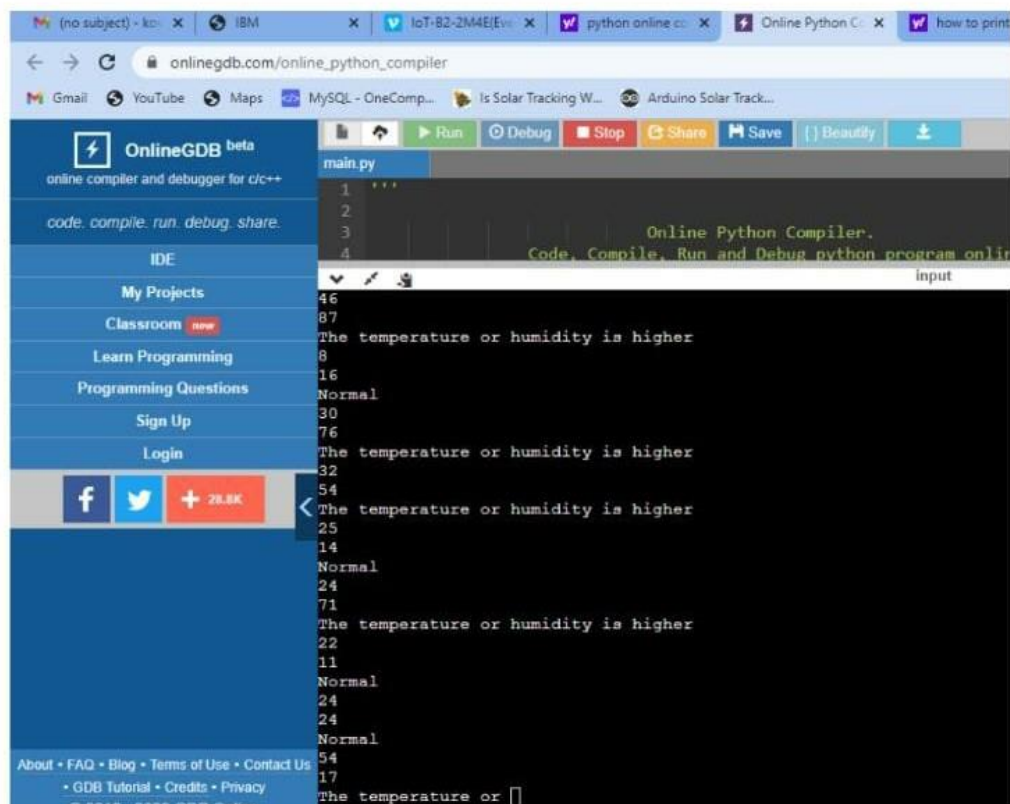
REG NO : 611619205016

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 an alarm in case of high temperature.

program:

```
import random
temp = random.randint(0,100)
humid = random.randint(0,100)
print("Note: ")
print("Normal Temperature Level is 50°C")
print("Normal Humidity Level is 50%")
print(" ")
if(temp >= 50):
    print("Temperature is High", temp, "°C")
else:
    print("Temperature is Normal", temp, "°C")
if(humid >= 50):
    print("Humidity is High", humid, "%")
else:
```

RESULT:



The screenshot shows the OnlineGDB website interface. The left sidebar contains navigation links: IDE, My Projects, Classroom, Learn Programming, Programming Questions, Sign Up, and Login. The main area displays a Python code editor with a file named 'main.py'. The code contains a loop that prints 'The temperature or humidity is higher' and 'Normal' multiple times. The output is shown in a terminal window on the right, with the text 'The temperature or humidity is higher' and 'Normal' repeated several times. The terminal also shows line numbers 46, 87, 8, 16, 30, 76, 32, 54, 25, 14, 24, 71, 22, 11, 24, 24, 17, and 17.

```
print("HumidityisNormal",humid,"%")
```