

Coimbatore Institute of Engineering and Technology

Department Of Electronics and
communication Engineering

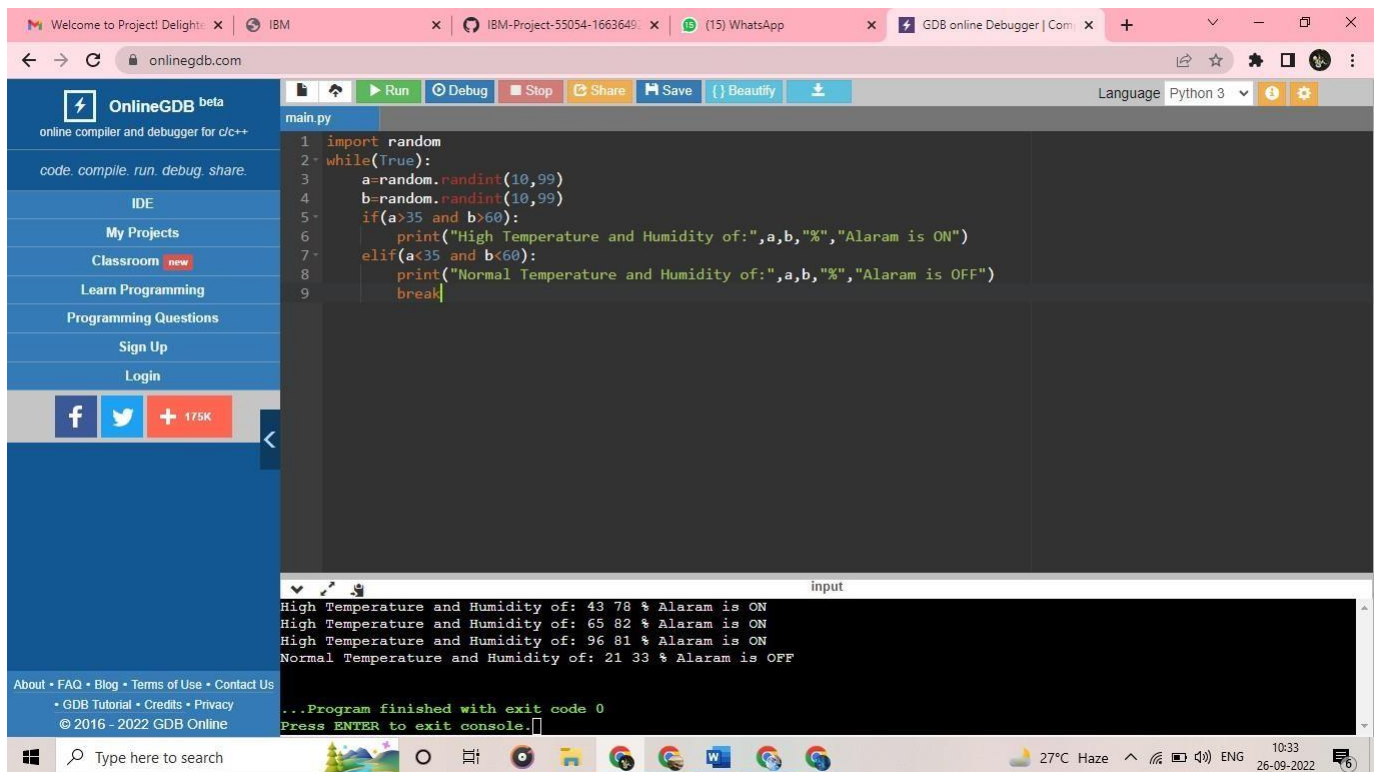
Nalaiya Thiran

IOT Assignment-2

Code:

```
import random
while(True):
    a=random.randint(10,99)
    b=random.randint(10,99)
    if(a>35 and b>60):
        print("High Temperature and Humidity of:",a,b,"%","Alaram is ON")
    elif(a<35 and b<60):
        print("Normal Temperature and Humidity of:",a,b,"%","Alaram is OFF")
    break
```

Output:



The screenshot displays the OnlineGDB web interface. The browser's address bar shows the URL `onlinegdb.com`. The interface includes a sidebar on the left with navigation links such as "IDE", "My Projects", "Classroom", "Learn Programming", "Programming Questions", "Sign Up", and "Login". The main area features a code editor with a Python script named `main.py`. The script generates random temperature and humidity values and prints messages based on these values. Below the code editor, the "input" section shows the program's output, which includes four lines of printed data and a final message indicating the program finished with exit code 0. The bottom of the image shows a Windows taskbar with the system clock set to 10:33 on 26-09-2022.

```
1 import random
2 while(True):
3     a=random.randint(10,99)
4     b=random.randint(10,99)
5     if(a>35 and b>60):
6         print("High Temperature and Humidity of:",a,b,"%", "Alaram is ON")
7     elif(a<35 and b<60):
8         print("Normal Temperature and Humidity of:",a,b,"%", "Alaram is OFF")
9     break
```

input

```
High Temperature and Humidity of: 43 78 % Alaram is ON
High Temperature and Humidity of: 65 82 % Alaram is ON
High Temperature and Humidity of: 96 81 % Alaram is ON
Normal Temperature and Humidity of: 21 33 % Alaram is OFF
...Program finished with exit code 0
Press ENTER to exit console.
```