

KSR College Of Engineering,Trichengode

Department Of Electronics And Communication

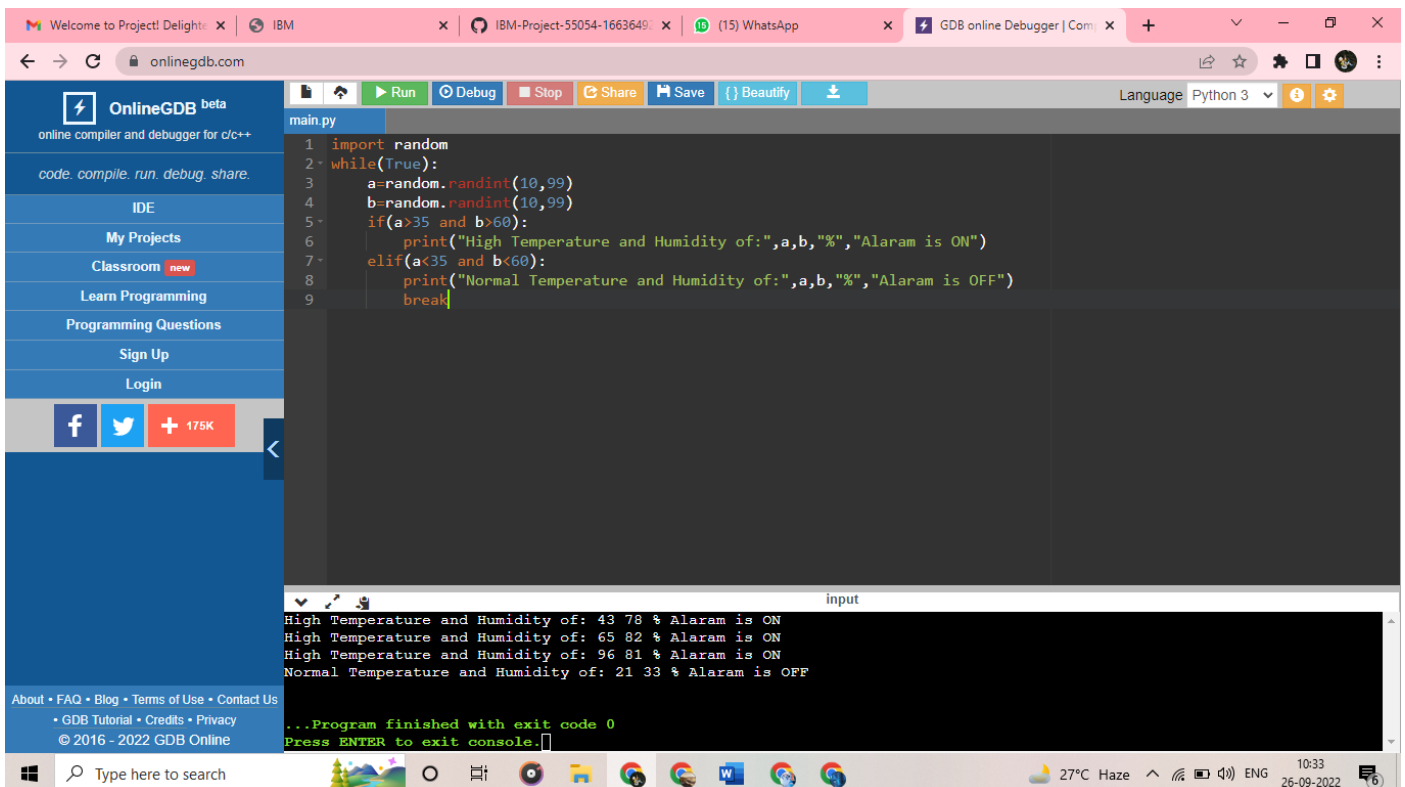
Nalaiya Thiran

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 code editor shows a Python script with the following logic: it imports the random module and enters a while loop. In each iteration, it generates two random integers, 'a' and 'b', both ranging from 10 to 99. It then checks if 'a' is greater than 35 and 'b' is greater than 60. If true, it prints 'High Temperature and Humidity of: [a] [b] % Alaram is ON'. If false, it prints 'Normal Temperature and Humidity of: [a] [b] % Alaram is OFF'. The script ends with a break statement. The output console shows the results of four iterations: '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', and 'Normal Temperature and Humidity of: 21 33 % Alaram is OFF'. The program finished with exit code 0.

```
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.
```