VSB Engineering College, Karur-639111

Department of Electronics and Communication Engineering

IOT Assignment

Topic : Assignment on temperature and humidity sensing and alarm

DOMAIN NAME : Internet Of Things

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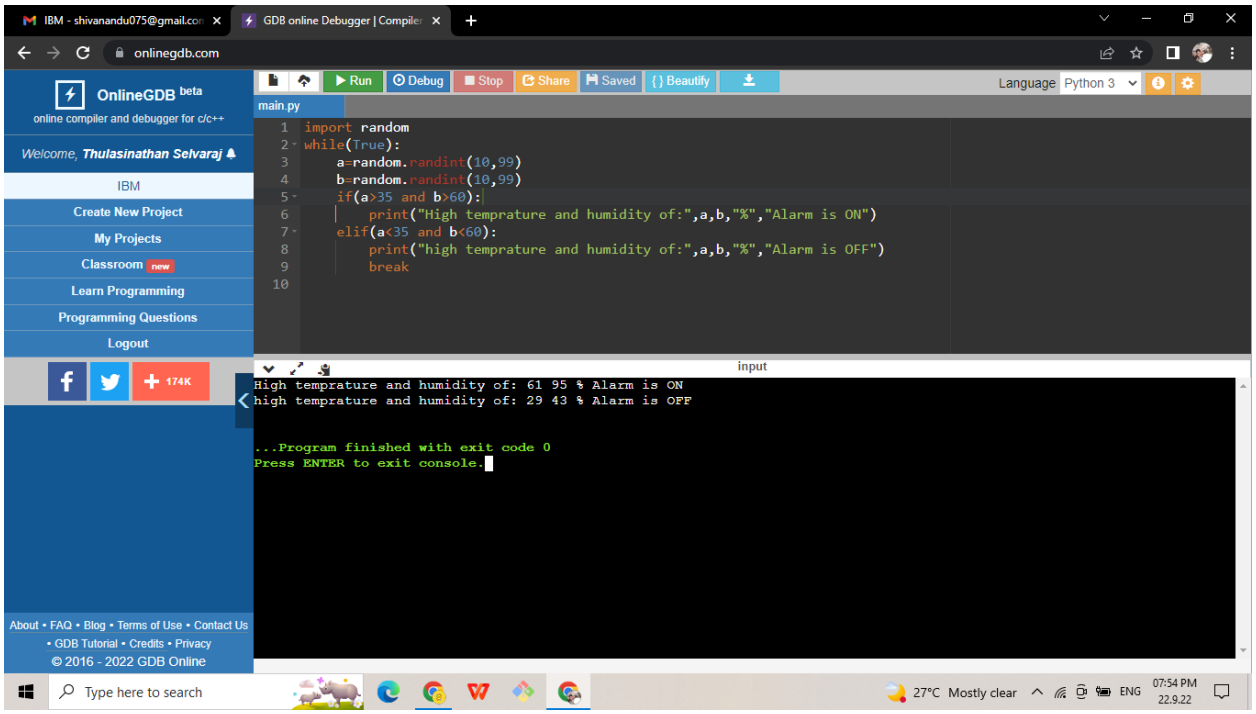
Code:-

```
import random
while(True):
    a=random.randint(10,99)
    b=random.randint(10,99)
    if(a>35 and b>60):
        print("High temprature and humidity of:",a,b,"%","alarm is on")
    elif(a<35 and b<60):
        print("Normal temprature and humidity of:",a,b,"%","alarm is off")
        break
```

Output:-


IBM - shivanandu075@gmail.com
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OnlineGDB beta
online compiler and debugger for c/c++
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Saved
{ } Beautify
Language Python 3
main.py
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 temprature and humidity of:",a,b,"%","Alarm is ON")
7 elif(a<35 and b<60):
8 print("high temprature and humidity of:",a,b,"%","Alarm is OFF")
9 break
10
input
High temprature and humidity of: 61 95 % Alarm is ON
high temprature and humidity of: 29 43 % Alarm is OFF
...Program finished with exit code 0
Press ENTER to exit console.
Type here to search
27°C Mostly clear
ENG
07:54 PM
22.9.22