VSB Engineering College, Karur-639111

Department of Electronics and Communication Engineering

IOT Assignment

Topic : Assignment on temperature and humidity sensing and alarm
automation using python

Name: P.Kavinkumar

Code:-

```python
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
```
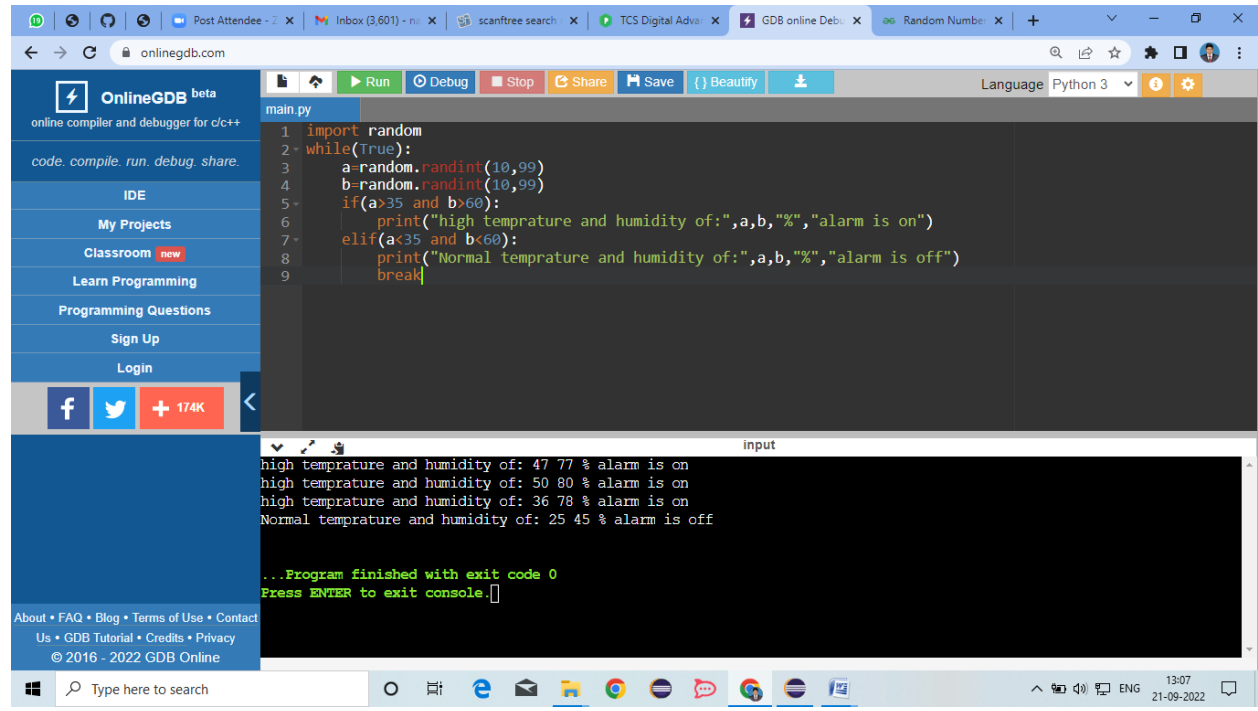
Output:-


```python
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
```

```
high temprature and humidity of: 47 77 % alarm is on
high temprature and humidity of: 50 80 % alarm is on
high temprature and humidity of: 36 78 % alarm is on
Normal temprature and humidity of: 25 45 % alarm is off


...Program finished with exit code 0
Press ENTER to exit console.
```

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