VSB Engineering College, Karur-639111

Department of Computer Science And Engineering

IOT Assignment

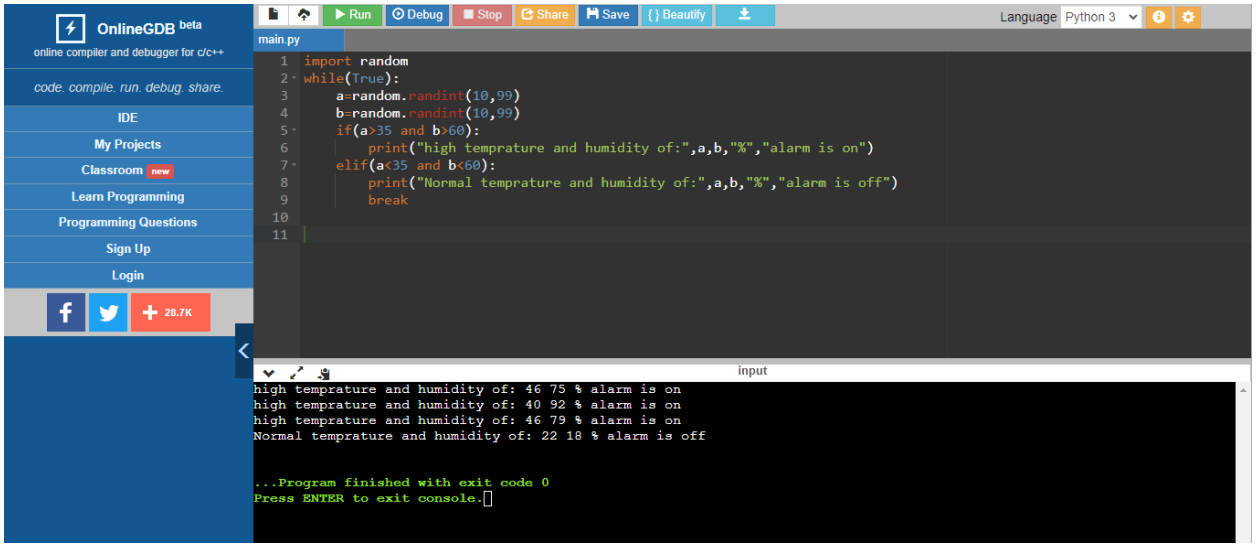
Topic : Assignment on temperature and humidity sensing and alarm automation using python

Name:BALAGURU M

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:-


OnlineGDB beta
online compiler and debugger for c/c++
code. compile. run. debug. share.
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Run
Debug
Stop
Share
Save
{ } 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("Normal temprature and humidity of:",a,b,"%","alarm is off")
9 break
10
11
input
high temprature and humidity of: 46 75 % alarm is on
high temprature and humidity of: 40 92 % alarm is on
high temprature and humidity of: 46 79 % alarm is on
Normal temprature and humidity of: 22 18 % alarm is off
...Program finished with exit code 0
Press ENTER to exit console.

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