ASSIGNMENT-2

Date	24-09-2022
Team ID	PNT2022TMID24443
Project Name	Smart Farmer – IOT Enabled Smart Farming Application
Maximum Marks	2 Marks

TOPIC: Assignment on temperature and humidity sensing and alarm automation using python.

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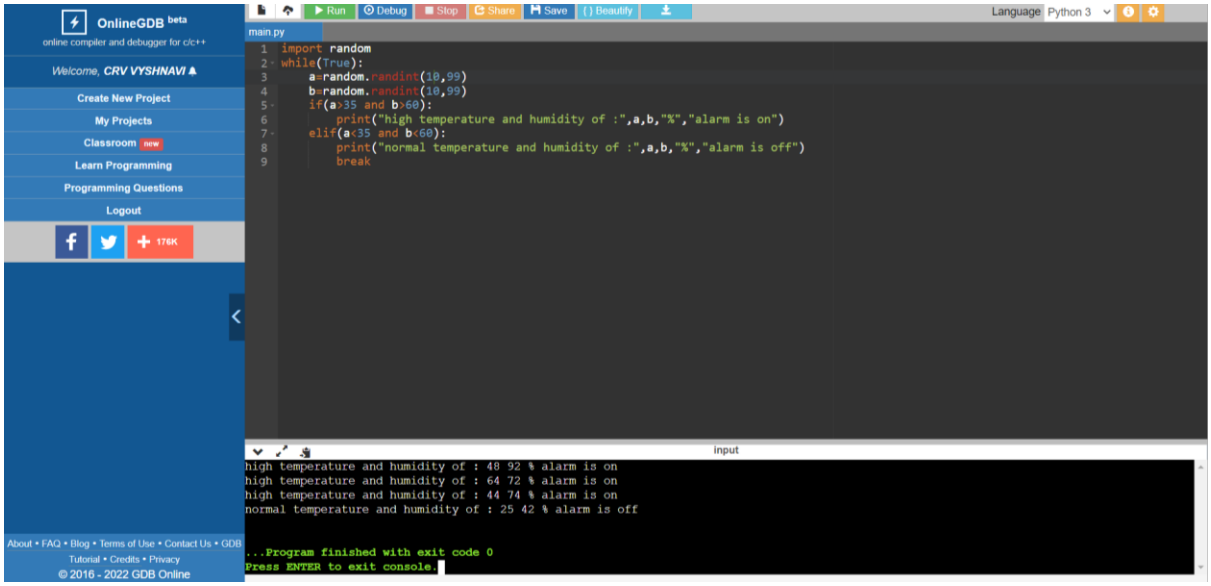
CODE:

```
import random
while(True):
  a=random.randint(10,99)
  b=random.randint(10,99)
  if(a>35 and b>60):
    print("high temperature and humidity of :",a,b,"%","alarm is on")
  elif(a<35 and b<60):
    print("normal temperature and humidity of :",a,b,"%","alarm is off")
    break
```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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 temperature and humidity of :",a,b,"%","alarm is on")
7 elif(a<35 and b<60):
8 print("normal temperature and humidity of :",a,b,"%","alarm is off")
9 break
Input
high temperature and humidity of : 48 92 % alarm is on
high temperature and humidity of : 64 72 % alarm is on
high temperature and humidity of : 44 74 % alarm is on
normal temperature and humidity of : 25 42 % alarm is off
...Program finished with exit code 0
Press ENTER to exit console.