ANNAI VEILANKANNI'S COLLEGE OF ENGINEERING

Department Of Computer Science Engineering

IOT ASSIGNMENT

TOPIC : Temperature and Humidity sensing and continuosly detect alarm in case of high temperature.

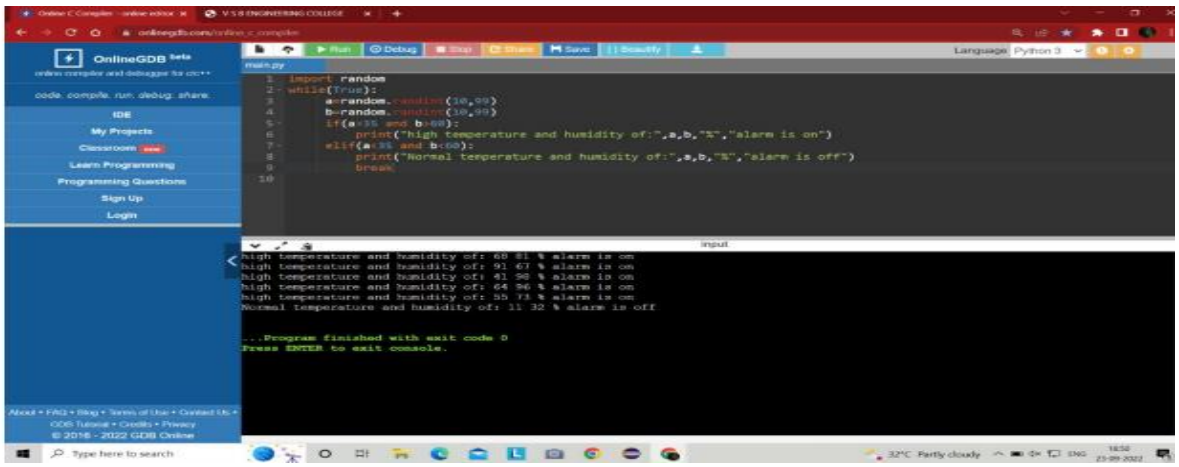
BATCH NO : B1-1M3E

NAME : DHARANI . T

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 humiditity of:",a,b,"%","alarm is on")
   elif(a<35 and b<60):
       print("Normal temperature and humidity of:",a,b,"%","alarm is off")
       break
```

OUTPUT


OnlineGDB beta
code, compile, run, debug, share.
IDE
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main.py
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Language Python 3
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
10
input
high temperature and humidity of: 68 81 % alarm is on
high temperature and humidity of: 91 67 % alarm is on
high temperature and humidity of: 41 98 % alarm is on
high temperature and humidity of: 64 96 % alarm is on
high temperature and humidity of: 55 73 % alarm is on
Normal temperature and humidity of: 11 32 % alarm is off
...Program finished with exit code 0
Press ENTER to exit console.
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