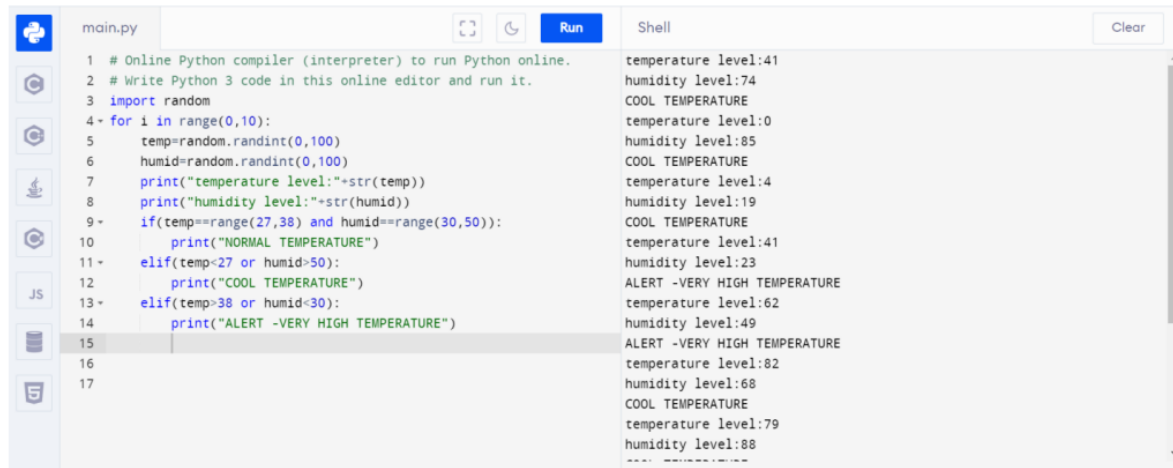


ARCHANA S

MEPCO SCHLENK ENGINEERING COLLEGE

ASSIGNMENT-2

Build a Python, Assume you get temperature and humidity values (generated with a random function to a variable) and write a condition to continuously detect the alarm in case of high temperature



```
main.py
1 # Online Python compiler (interpreter) to run Python online.
2 # Write Python 3 code in this online editor and run it.
3 import random
4 for i in range(0,10):
5     temp=random.randint(0,100)
6     humid=random.randint(0,100)
7     print("temperature level:"+str(temp))
8     print("humidity level:"+str(humid))
9     if(temp==range(27,38) and humid==range(30,50)):
10         print("NORMAL TEMPERATURE")
11     elif(temp<27 or humid>50):
12         print("COOL TEMPERATURE")
13     elif(temp>38 or humid<30):
14         print("ALERT -VERY HIGH TEMPERATURE")
15
16
17
```

temperature level:41
humidity level:74
COOL TEMPERATURE
temperature level:0
humidity level:85
COOL TEMPERATURE
temperature level:4
humidity level:19
COOL TEMPERATURE
temperature level:41
humidity level:23
ALERT -VERY HIGH TEMPERATURE
temperature level:62
humidity level:49
ALERT -VERY HIGH TEMPERATURE
temperature level:82
humidity level:68
COOL TEMPERATURE
temperature level:79
humidity level:88
