Assignment -2

Python Programming

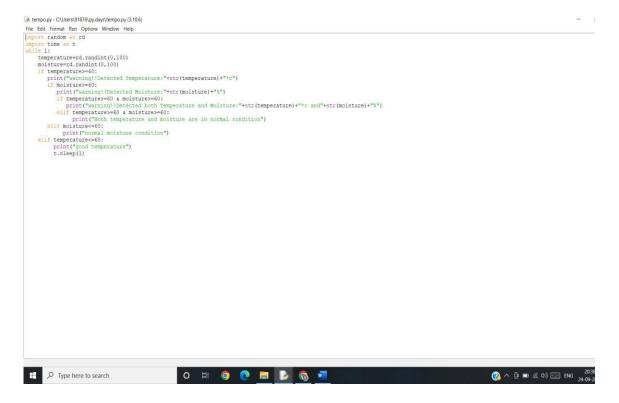
Assignment Date	3 November 2022
Student Name	Dharshana K
Student Roll Number	717819F209
Maximum Marks	2 Marks

Question-1:

Build a python code, Assume u get Temperature and Humidity values (Generated with Random Function to a Variable) and write a condition to continuously detect alarm in case of high temperature.

Solution:

```
import random as rd
import time as t while
1:
  temperature=rd.randint(0,100)
                                   moisture=rd.randint(0,100)
                                                                if
  temperature>=60:
                                         print("warning!!Detected
  Temperature:"+str(temperature)+"*c") if moisture>=60:
     print("warning!!Detected Moisture:"+str(moisture)+"%") if
     temperature>=60 & moisture>=60:
       print("warning!!Detected both Temperature and Moisture:"+str(temperature)+"*c
and"+str(moisture)+"%")
     elif temperature>=60 & moisture>=60:
        print("Both temperature and moisture are in normal condition")
    elif moisture<=60: print("normal
      moisture condition")
  elif temperature<=60:
    print("good temperature")
    t.sleep(1)
```



Output

