Assignment -2
Python Programming

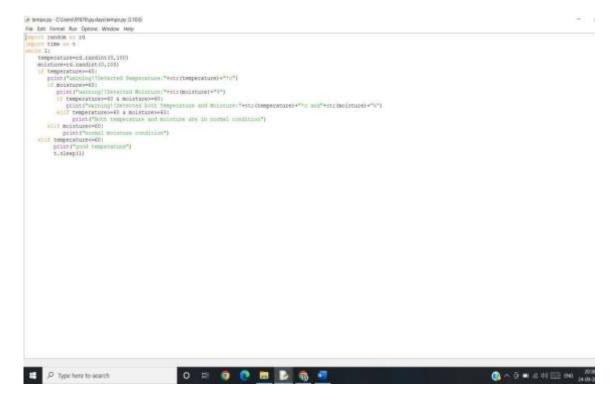| Assignment Date	3 November 2022
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Student Roll Number	821819104303
Maximum Marks	2 Marks

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)
```