Assignment -2
Python Programming

Assignment Date	26 September 2022
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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. import random import os for i in range(30,70):

```
    h=random.randint(55,65)
    t=random.randint(35,40)
    temp= t humidity=h
    print(t)  print(h)  if(humidity>=65
    or  temp>=40 ):{  print("!!  HIGH
    ALERT !!")
}
    else:{
     print("Low")
 }
```

main.py

```python
1  import random
2  import os
3  for i in range (40,80):
4      h = random.randint(65,75)
5      t = random.randint(45,50)
6      temp = t
7      humidity=h
8      print (t)
9      print(h)
10     if (humidity >=75 or temp >= 50):{
11         print("!! HIGH ALERT !!")
12     }
13   else:{
14         print("LOW")
15     }
16
17
18
19
```

```
74
!! HIGH ALERT !!
48
70
LOW
45
75
!! HIGH ALERT !!
49
69
LOW
48
65
LOW
48
70
LOW
50
65
!! HIGH ALERT !!
47
74
LOW
48
70
LOW
47
65
LOW
50
74
!! HIGH ALERT !!
48
```