Assignment -2
Python Programming

Assignment Date	15th october 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.

Solution:

```
import random
Temperature=random.sample(range(0,120),
10)
print("Temperature Data=",Temperature)
Humidity=random.sample(range(40,90),10)
print("Humidity Data=",Humidity)
for i in Temperature:
    if(i>80):
       {
          print(f"{i}Exceeds Normal
Temperature.Alarm Detected")
       }
```

Shell   Clear

```
Temperature Data= [70, 28, 80, 2, 27, 62, 83, 107, 18, 73]
Humidity Data= [51, 56, 86, 84, 55, 53, 72, 89, 71, 40]
83Exceeds Normal Temperature.Alarm Detected
107Exceeds Normal Temperature.Alarm Detected
>
```