Assignment - 2

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Python code :

```python
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")


}
```

OUTPUT :

```python
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")
        }
```

input

```
Temperature data =  [36, 113, 33, 0, 109, 110, 30, 78, 16, 90]
Humidity data =  [84, 76, 82, 50, 65, 66, 44, 75, 56, 68]
113 Exceeds Normal temperature. Alarm Detected
109 Exceeds Normal temperature. Alarm Detected
110 Exceeds Normal temperature. Alarm Detected
90 Exceeds Normal temperature. Alarm Detected

...Program finished with exit code 0
Press ENTER to exit console.
```