**Assignment -2**
Python Programming

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| Assignment Date: | 30 September 2022 |
| Student Name: | MS S.SNEHA |
| Student Roll Number : 210519104099 | |

**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(20,80):

```
h=random.randint(6
5,70)
t=random.randint(35,40)
temp= t humidity=h
print(t)  print(h)  if(humidity>=70
or  temp>=40 ):{  print("!!  HIGH
ALERT !!")
}
else:{
 print("Low")
}
```

```python
import random
import os
for i in range(20,80):
    h=random.randint(65,70)
    t=random.randint(35,40)
    temp=t
    humidity=h
    print(t)
    print(h)
    if(humidity>=70 or temp>=40):

        print("!!HIGH ALERT!!")

    else:
        print("LOW")
```

output:

```
38
68
LOW
37
66
LOW
36
65
LOW
35
65
LOW
39
66
LOW
37
69
LOW
38
67
LOW
40
70
!!HIGH ALERT!!
39
67
LOW
38
69
LOW
40
68
!!HIGH ALERT!!
36
66
LOW
36
69
LOW
35
```

```
35
68
LOW
39
68
LOW
39
70
!!HIGH ALERT!!
35
69
LOW
40
69
!!HIGH ALERT!!
35
65
LOW
38
65
LOW
37
65
LOW
40
69
!!HIGH ALERT!!
39
66
LOW
39
70
!!HIGH ALERT!!
40
70
!!HIGH ALERT!!
39
67
LOW
39
```

```
70
!!HIGH ALERT!!
36
70
!!HIGH ALERT!!
37
68
LOW
38
70
!!HIGH ALERT!!
40
69
!!HIGH ALERT!!
39
66
LOW
40
67
!!HIGH ALERT!!
37
67
LOW
38
68
LOW
38
65
LOW
38
70
!!HIGH ALERT!!
39
70
!!HIGH ALERT!!
35
65
LOW
38
65
LOW
```

```
LOW
40
67
!!HIGH ALERT!!
39
65
LOW
40
66
!!HIGH ALERT!!
40
70
!!HIGH ALERT!!
35
68
LOW
40
70
!!HIGH ALERT!!
38
68
LOW
36
70
!!HIGH ALERT!!
37
68
LOW
37
69
LOW
36
65
LOW
38
67
LOW
35
65
LOW
37
```

```
LOW
36
70
!!HIGH ALERT!!
37
68
LOW
37
69
LOW
36
65
LOW
38
67
LOW
35
65
LOW
37
69
LOW
35
70
!!HIGH ALERT!!
40
70
!!HIGH ALERT!!
36
66
LOW
39
69
LOW
38
66
LOW
35
65
LOW
```