

Assignment -2
Python Programming

Assignment Date:	30 September 2022
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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")
}
```

```
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
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!!HIGH ALERT!!
37
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LOW
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!!HIGH ALERT!!
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!!HIGH ALERT!!
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!!HIGH ALERT!!
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LOW
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LOW
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LOW
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70
!!HIGH ALERT!!
39
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!!HIGH ALERT!!
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LOW

LOW
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!!HIGH ALERT!!
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!!HIGH ALERT!!
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LOW
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!!HIGH ALERT!!
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!!HIGH ALERT!!
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!!HIGH ALERT!!
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LOW
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LOW

