

**Assignment -2**  
**Python Programming**

Assignment Date	19 September 2022
Student Name	Harini M P
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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

Threshold = int(input("Enter Threshold Temperature(Range 0,50):"))

A=1

While(a==1):

    Val=random.randint(0,50)

    Print("Random Temperature: ",val)

    If val>threshold:

        Print("Random Temp:",val,"higher than",threshold,"(Threshold Temperature)")

    Elif threshold>val:

        Print("Random Temp:",val,"less than",threshold,"(Threshold Temperature)")

    Else:

        Print("Random Temp:",val,"equals to",threshold,"(Threshold Temperature)")

    A=int(input("Enter 1 to Repeat:"))