Assignment -2
Python Programming

Assignment Date	19 September 2022
Student Name	JAYAPRIYA P
Student Roll Number	GCTC1914117
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:"))