ASSIGNMENT -2 PYTHON PROGRAMMING

Assignment Date	19 September 2022
Student Name	ASHOKKUMAR P
Student Roll Number	917719C120
Maximum Marks	2 Marks

OUESTION-1:

Build a python code, Assume you get temperature and humidity values (generated with random functions to a variable) and write a condition to continuously detect alarm in case of high temperature.

SOLUTION:

Let us consider normal temperature=40 Celsius and normal humidity=65% "' import random
Temperature=random.randin(1,100)
Humidity=random.randint(1,100) print("Temperature:")
print(Temperature)
print("Humidity:")
print(Humidity)

if((Temperature>40)&(Humid ity>65)): print("Values are HIGH!!! ") print("ALERT") elif((Temperature>40)&(Hum idity<65)): print("Tempertaure Value is HIGH!!! ") print("Check Temperature") if((Temperature<40)&(Humid ity>65)):

print("Humidity Value is HIGH!!! ") print("Check Humidity") if((Temperature<40)&(Humid ity<65)): print("All Values are in limit!!! ") print("SAFE ZONE")

OUTPUT:







