**ASSIGNMENT -2**

# PYTHON PROGRAMMING

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| Assignment Date | 19 September 2022 |
| Student Name | SWETHA K |
| Student Roll Number | 917719D134 |
| Maximum Marks | 2 Marks |

**QUESTION-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.randint(1,100) Humidity=random.randint(1,100) print("Temperature:") print(Temperature) print("Humidity:") print(Humidity)

if((Temperature>40)&(Humidity>65)):

print("Values are HIGH!!! ") print("ALERT") if((Temperature>40)&(Humidity<65)): print("Tempertaure Value is HIGH!!! ") print("Check Temperature") if((Temperature<40)&(Humidity>65)):

print("Humidity Value is HIGH!!! ") print("Check Humidity") if((Temperature<40)&(Humidity<65)):

print("All Values are in limit!!! ") print("SAFE ZONE")

**OUTPUT:**







