**Assignment -2**

Python Programming

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| Assignment Date | 22 September 2022 |
| Student Name | S.EVANGELINE |
| Student Roll Number | 812419106018 |
| Maximum Marks | 2 Marks |

**Question:**

**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.**

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**Solution:**

**Program:**

import random

from time import sleep

def generate\_values():

temperature = random.randint(20, 60)

humidity = random.randint(10, temperature)

return humidity, temperature

humidity = temperature = 20

while temperature < 50:

humidity, temperature = generate\_values()

print('Humidity:', humidity, 'Temperature:', temperature)

sleep(0.50)

print('High Temperature Is Founded')

**OUTPUT:**

Humidity: 26 Temperature: 38

Humidity: 18 Temperature: 41

Humidity: 28 Temperature: 30

Humidity: 18 Temperature: 36

Humidity: 22 Temperature: 49

Humidity: 11 Temperature: 24

Humidity: 19 Temperature: 44

Humidity: 10 Temperature: 23

Humidity: 22 Temperature: 27

Humidity: 21 Temperature: 25

Humidity: 13 Temperature: 43

Humidity: 45 Temperature: 51

**High Temperature Is Founded**

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