**Assignment -2**

Python Programming

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| Assignment Date | 22September 2022 |
| Student Name | S. Arul Jothika |
| Student Roll Number | 812419106007 |
| Maximum Marks | 2 Marks |

**Question-1:**

'Build a python code, assume you 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.’

PROGRAM:

import random from time import sleep def generate\_values():

temperature = random.randint(10, 50) humidity = random.randint(10, temperature) return humidity, temperature humidity = temperature = 0 while temperature < 45:

humidity, temperature = generate\_values()

print('Humidity:', humidity, 'Temperature:', temperature) sleep(0.50) print('High Temperature Detected')

OUTPUT:

Humidity: 12 Temperature: 24

Humidity: 25 Temperature: 28

Humidity: 26 Temperature: 46

High Temperature Detected

