**Assignment -2**

PYTHON PROGRAMMING

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| Assignment Date | 19 September 2022 |
| Student Name | **Mr.KANNAN J S** |
| Student Roll Number | **911019106005** |
| 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

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| **Solution:** |

**PROGRAM:**

import random

import time

while True:

temp = random.randint(1,200)

humidity = random.randint(1,100)

print("Checking Temperature:{temp1}C \n Checking Humidity:{humidity1}F".format(temp1=temp,humidity1=humidity))

if temp>=80:

print("Temperature is {temp2}C \n Alarm Detected...".format(temp2=temp))

time.sleep(1)

else:

print("Temperature is low")

break

**OUTPUT:**

