**Assignment -2**

Python Programming

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| Assignment Date | 20 September 2022 |
| Student Name | Saravanan B |
| Student Roll Number | 9517201904138 |
| Maximum Marks | 2 Marks |

**Question-1:**

Write a program that get temperature and humidity (generated by random) and continuously check for high temperature to alarm.

**Program:**

import time

import random

def senseData():

sensedData = random.randint(0,100)

return sensedData

def main():

for i in range(10):

data = senseData()

if data <= 20:

print("low temperature ( {0} degree celcius )".format(data))

elif data >= 40:

print("high temperature ( {0} degree celcius )".format(data))

else:

print("Normal temperature ( {0} degree celcius )".format(data))

time.sleep(2)

main()

**Output:**

