**ASSESSMENT-2**

|  |  |
| --- | --- |
| ASSESSMENT DATE | 26 SEPTEMBER 2022 |
| NAME | VAISHNAVI K |
| REGISTER NUMBER | 621319106097 |
| MARKS | 2 Marks |

**PROBLEM:**

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.

**CODE:**

import time from random

import rand

int file=open("data.txt","a")

n=5

for i in range(n):

humidity=randint(0,100)+1

temperature=randint(-100,100)+1

if humidity>50:

print("\n \n Humidity High")

print(humidity)

file.write("\nHumidity")

file.write(str(humidity))

if temperature>50:

print("Temperature High")

print(temperature)

file.write('\nTemperature')

file.write(str(temperature))

time.sleep(1)

file.close()

**SIMULATION SCREENSHOT:**

