**Assignment -2**

Python Programming

|  |  |
| --- | --- |
| Assignment Date | 24September 2022 |
| Student Name | Bharat D |
| Student Roll Number | 713319IT007 |
| Maximum Marks | 2 Mark |

**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.

**Solution:**

import random as rd

import time as t

while 1:

temperature=rd.randint(0,100)

moisture=rd.randint(0,100)

if temperature>=60:

print("warning!!Detected Temperature:"+str(temperature)+"\*c")

if moisture>=60:

print("warning!!Detected Moisture:"+str(moisture)+"%")

if temperature>=60 & moisture>=60:

print("warning!!Detected both Temperature and Moisture:"+str(temperature)+"\*c and"+str(moisture)+"%")

elif temperature>=60 & moisture>=60:

print("Both temperature and moisture are in normal condition")

elif moisture<=60:

print("normal moisture condition")

elif temperature<=60:

print("good temperature")

t.sleep(1)

|  |
| --- |
|  |
|  |
|  |
|  |
|  |
|  |
|  |  |
|  |  |
| Output |  |

