**Assignment -2**
Python Programming

| Assignment Date | 26 September 2022 |
|---|---|
| Student Name | Mr.VIGNESH K |
| Student Roll Number | AC19UCS135 |
| 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.

```python
import random

import os

for i in range(100):

    h=random.randint(35,55)

    t=random.randint(15,30)

    temp= t

    humidity=h

    print(t)

    print(h)

    if(humidity>=50 or temp>=25 ):{

        print("!! HIGH ALERT !!")
}
    else:{

      print("Low")

  }
```

```python
import random
import os
for i in range(100):
    h=random.randint(35,55)
    t=random.randint(15,30)
    temp= t
    humidity=h
    print(t)
    print(h)
    if(humidity>=50 or temp>=25 ):{
            print("!! HIGH ALERT !!")
}

    else:{
       print("Low")
  }
```

```
Python 3.10.6 (tags/v3.10.6:9c7b4bd, Aug  1 2022, 21:53:49) [MSC v.1
AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more informat
>>>
===================== RESTART: E:/IBM/IBMASSIGNMENT2.py ==========
21
42
Low
19
35
Low
28
54
!! HIGH ALERT !!
21
47
Low
17
35
Low
18
46
Low
25
47
!! HIGH ALERT !!
28
45
!! HIGH ALERT !!
```