Assignment -2

Assignment Date	20 September 2022
Student Name	Tamil Selvi D
Student Roll Number	AC19UCS126
Maximum Marks	2 Marks

Question:

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 continuously.

Program:

```
import random

import os

for i in range(30,70):

h=random.randint(55,65)

t=random.randint(35,40)

temp= t

humidity=h

print(t)

print(h)

if(humidity>=65 or temp>=40 ):{

    print("!! HIGH ALERT !!")

}

else:{

    print("Low")

}
```

```python
import random
import os
for i in range(30,70):
        h=random.randint(55,65)
        t=random.randint(35,40)
        temp= t
        humidity=h
        print(t)
        print(h)
        if(humidity>=65 or temp>=40 ):{
                print("!! HIGH ALERT !!")
}

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

```
Python 3.10.6 (tags/v3.10.6:9c7b4bd, Aug  1 2022, 21:53:49
AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for mor
>>>
====================== 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 !!
```