

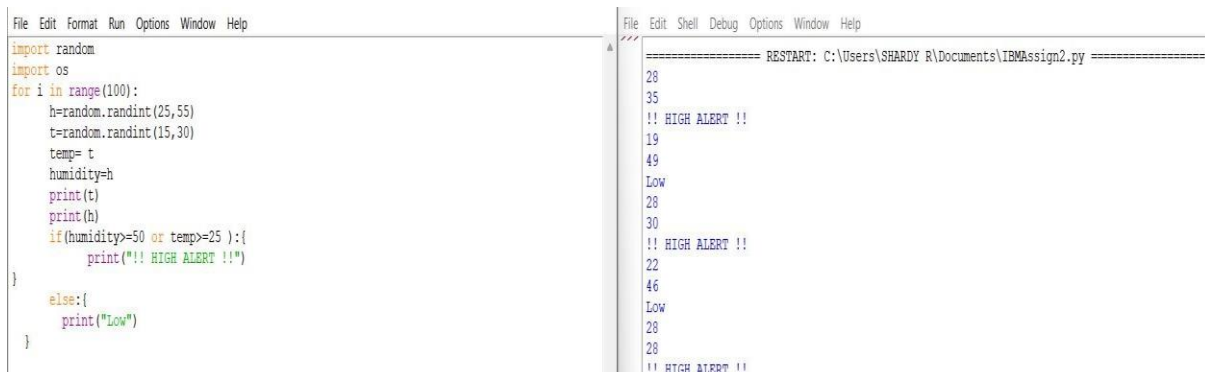
Assignment -2
Python Programming

Assignment Date	27 September 2022
Student Name	Mr. DILLIBABU K
Student Roll Number	1912108
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.

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

The image shows a screenshot of a Python IDE with two windows. The left window displays the Python code for generating random temperature and humidity values and checking for high alerts. The right window shows the output of the program, which includes a restart message, a list of generated values, and the resulting alerts. The code in the left window is:

```
import random
import os
for i in range(100):
    h=random.randint(25,55)
    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")
    }
}
```

 The output in the right window is:

```
===== RESTART: C:\Users\SHARDY R\Documents\IRMAssign2.py =====
28
35
!! HIGH ALERT !!
19
49
Low
28
30
!! HIGH ALERT !!
22
46
Low
28
28
!! HIGH ALERT !!
```

