

## Assignment -2

### Python Programming

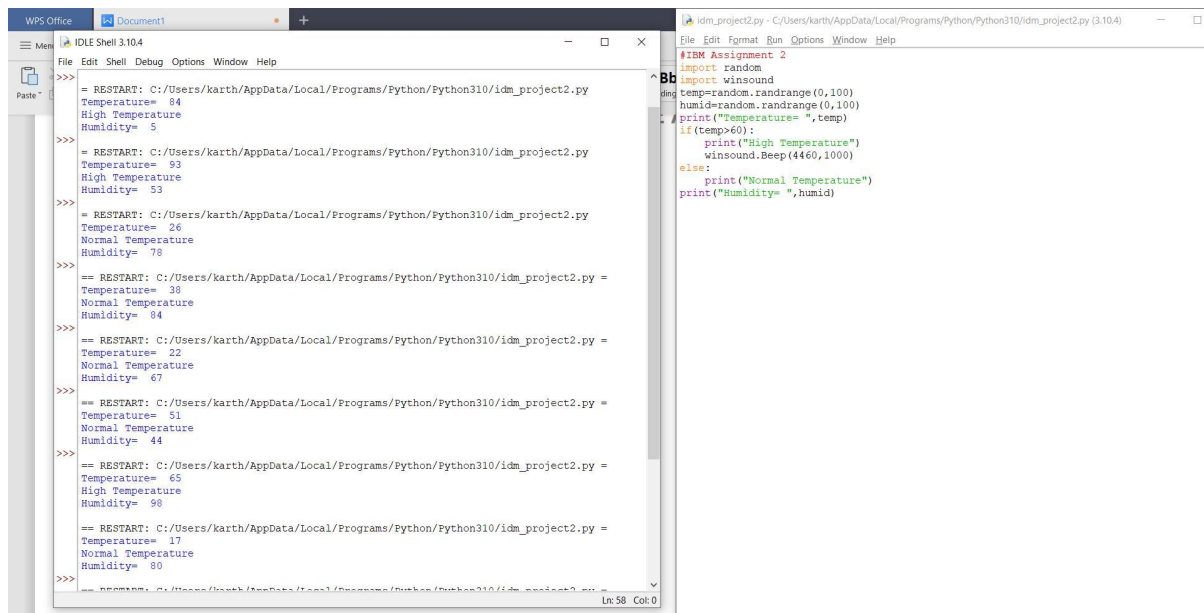
Assignment Date	8 October 2022
Student Name	Karthick Vishnu R
Student Roll Number	111519106069
Maximum Marks	2 Marks

#### Question-1:

Build a python code to detect high temperature.

#### Solution:

```
import random
import winsound
temp=random.randrange(0,100)
humid=random.randrange(0,100)
print("Temperature= ",temp)
if(temp>60):
    print("High Temperature")
    winsound.Beep(4460,1000)
else:
    print("Normal Temperature")
    print("Humidity= ",humid)
```



```
WPS Office Document1
IDLE Shell 3.10.4
File Edit Shell Debug Options Window Help
>>> == RESTART: C:/Users/karth/AppData/Local/Programs/Python/Python310/idm_project2.py
Temperature= 84
High Temperature
Humidity= 5
>>> == RESTART: C:/Users/karth/AppData/Local/Programs/Python/Python310/idm_project2.py
Temperature= 93
High Temperature
Humidity= 53
>>> == RESTART: C:/Users/karth/AppData/Local/Programs/Python/Python310/idm_project2.py
Temperature= 26
Normal Temperature
Humidity= 78
>>> == RESTART: C:/Users/karth/AppData/Local/Programs/Python/Python310/idm_project2.py =
Temperature= 38
Normal Temperature
Humidity= 84
>>> == RESTART: C:/Users/karth/AppData/Local/Programs/Python/Python310/idm_project2.py =
Temperature= 22
Normal Temperature
Humidity= 67
>>> == RESTART: C:/Users/karth/AppData/Local/Programs/Python/Python310/idm_project2.py =
Temperature= 51
Normal Temperature
Humidity= 44
>>> == RESTART: C:/Users/karth/AppData/Local/Programs/Python/Python310/idm_project2.py =
Temperature= 65
High Temperature
Humidity= 98
>>> == RESTART: C:/Users/karth/AppData/Local/Programs/Python/Python310/idm_project2.py =
Temperature= 17
Normal Temperature
Humidity= 80
>>> == RESTART: C:/Users/karth/AppData/Local/Programs/Python/Python310/idm_project2.py =
Ln: 58 Col: 0

idm_project2.py - C:/Users/karth/AppData/Local/Programs/Python/Python310/idm_project2.py (3.10.4)
File Edit Format Run Options Window Help
#IDM Assignment 2
import random
import winsound
temp=random.randrange(0,100)
humid=random.randrange(0,100)
print("Temperature= ",temp)
if(temp>60):
    print("High Temperature")
    winsound.Beep(4460,1000)
else:
    print("Normal Temperature")
    print("Humidity= ",humid)
```