

## IBM ASSIGNMENT-02 HIGH TEMPERATURE ALARM PYTHON CODE

Python Code:

#IBM 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")
```

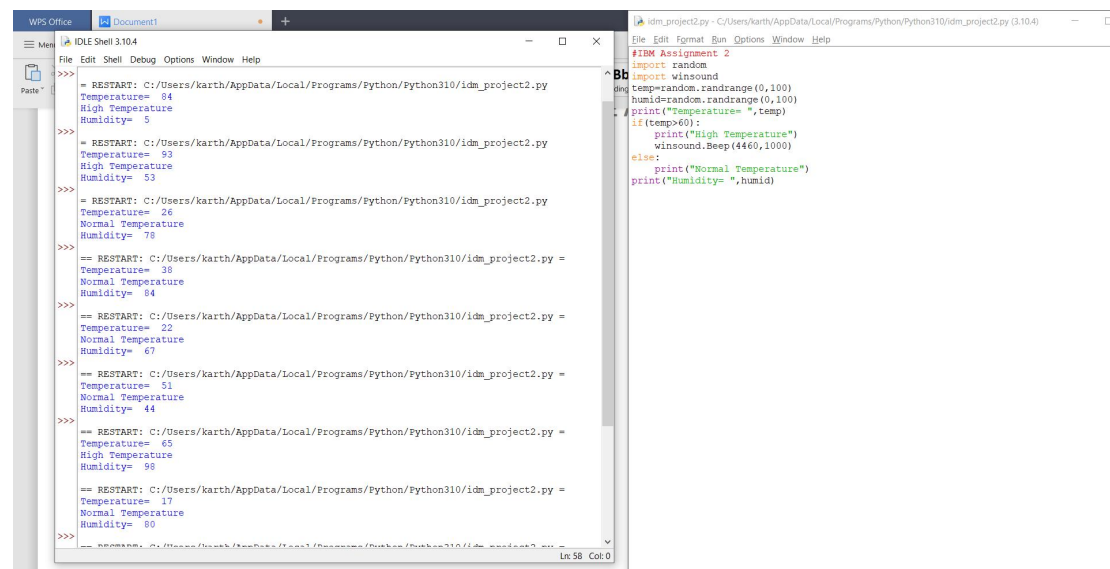
```
    winsound.Beep(4460,1000)
```

```
else:
```

```
    print("Normal Temperature")
```

```
print("Humidity= ",humid)
```

Output:



```
WPS Office
Document1
IDLE Shell 3.10.4
File Edit Shell Debug Options Window Help
Paste
>>> == 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= 53
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
>>>
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
#IBM 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)
```