

## Assignment -2

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Build a python code, Assume you get temperature and humidity value (generated with random function to a variable) and write a condition to continuously detect alarm in case of Higher Temperatures.

### Solution:

```
import random
temp= random.randint(1,45)
print("The Temperature is: ",temp)
humid = random.randint(0,99)
print("Humidity is: ",humid,"%")

if temp>25:
    print("High Temperature")
if humid >45:
    print("High Humidity")
```

Assignemnt-2.py - C:/Users/CS/Desktop/Assignemnt-2.py  
File Edit Format Run Options Window Help

```
import random
temp= random.randint(1,45)
print("The Temperature is: ",temp)
humid = random.randint(0,99)
print("Humidity is: ",humid,"%")

if temp>25:
    print("High Temperature")
if humid >45:
    print("HIGH Humidity")
```

IDLE Shell 3.9.7 - C:/Users/CS/Downloads/ass1.py (3.9.7)  
File Edit Shell Debug Options Window Help

```
>>>
===== RESTART: C:/Users/CS/Downloads/ass2.py =====
27
69.73535988201883
!
/a\

>>>
===== RESTART: C:/Users/CS/Desktop/Assignemnt-2.py =====
The Temperature is: 21
Humidity is: 5 %
>>>
===== RESTART: C:/Users/CS/Desktop/Assignemnt-2.py =====
The Temperature is: 44
Humidity is: 32 %
High Temperature
>>>
===== RESTART: C:/Users/CS/Desktop/Assignemnt-2.py =====
The Temperature is: 6
Humidity is: 38 %
>>>
===== RESTART: C:/Users/CS/Desktop/Assignemnt-2.py =====
The Temperature is: 10
Humidity is: 45 %
>>>
===== RESTART: C:/Users/CS/Desktop/Assignemnt-2.py =====
The Temperature is: 4
Humidity is: 88 %
High Humidity
>>>
===== RESTART: C:/Users/CS/Desktop/Assignemnt-2.py =====
The Temperature is: 21
Humidity is: 15 %
>>>
===== RESTART: C:/Users/CS/Desktop/Assignemnt-2.py =====
The Temperature is:
===== RESTART: C:/Users/CS/Desktop/Assignemnt-2.py =====
The Temperature is: 39
Humidity is: 29 %
High Temperature
```