

## ASSIGNMENT—2

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|----------|---|
| DATE     | 25/9/2022   |
| NAME     | HARIKRISHNAN V  |
| QUESTION | 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 High Temperature. |

### CODE:

```
import random
temp= random.randint(18,25)
print("The Temperature is: ",temp)
humid = random.randint(30,60)

print("The Humidity is: ",humid,"%")
if temp>15:
    print("High Temperature")
if humid >25:
    print("HIgh Humidity")
```

Assign 2.py - C:/Users/harsh/Documents/Assign 2.py (3.9.13)

File Edit Format Run Options Window Help

```
import random
temp= random.randint(18,28)
print("The Temperature is: ",temp)
humid = random.randint(30,60)
print("The Humidity is: ",humid,"%")

if temp>15:
    print("High Temperature")
if humid >25:
    print("HIgh Humidity")
|
```

```
IDLE Shell 3.9.13
File Edit Shell Debug Options Window Help
Python 3.9.13 (tags/v3.9.13:6de2ca5, May 17 2022, 16:36:42) [MSC v
929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more inform
ion.
>>>
===== RESTART: C:/Users/harsh/Documents/Assign 2.py ==
=====
The Temperature is: 23
The Humidity is: 33 %
High Temperature
High Humidity
>>>
===== RESTART: C:/Users/harsh/Documents/Assign 2.py ==
=====
The Temperature is: 28
The Humidity is: 54 %
High Temperature
High Humidity
>>>
== RESTART: C:/Users/harsh/Documents/Assign 2.py ==
The Temperature is: 19
The Humidity is: 58 %
High Temperature
High Humidity
>>>
===== RESTART: C:/Users/harsh/Docume
```