

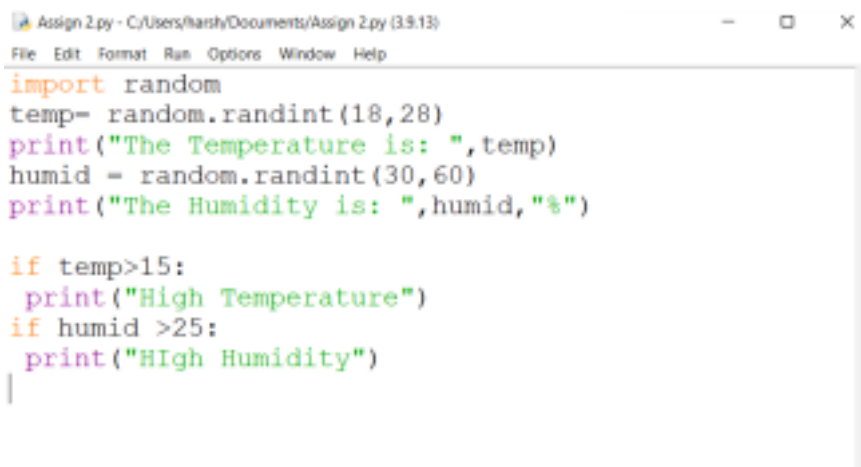
ASSIGNMENT—2

| | |
|----------|---|
| DATE | 25/09/2022 |
| NAME | SAMYUKTHA RAM S R |
| 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")
```

A screenshot of a Python IDE window titled "Assign 2.py - C:/Users/harshy/Documents/Assign 2.py (3.9.13)". The window contains the same Python code as shown in the previous block. The code is color-coded: keywords like 'import', 'if', and 'print' are in orange, strings are in green, and variables and numbers are in black. The code is as follows:

```
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")
```

```
Python Shell 2.8.12
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 infor
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/Documents/Assign 2.py ==
```