

Assignment -2
Python Programming

Assignment Date	22 September 2022
Student Name	Abijai K.T
Student Roll Number	710619205001
Maximum Marks	2 Marks

Question-1:

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.

Solution:

```
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")
```

assignment2 sha.py - D:\ppt pdf\assignment2 sha.py (3.10.6)

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 3.10.6

File Edit Shell Debug Options Window Help

Python 3.10.6 (tags/v3.10.6:9c7b4bd, Aug 1 2022, 21:53:49) [MSC v.1932 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.

```
>>>
===== RESTART: D:\ppt pdf\assignment2 sha.py =====
The Temperature is: 26
The Humidity is: 60 %
High Temperature
High Humidity
>>>
```

```
>>>
===== RESTART: D:\ppt pdf\assignment2 sha.py =====
The Temperature is: 26
The Humidity is: 45 %
High Temperature
High Humidity
>>>
```