

**Assignment -2**  
Python Programming

Assignment Date	21 September 2022
Student Name	C.NANDHINI
Student Roll Number	815119106025
Maximum Marks	2 Marks

**Question-1:**

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

**Solution:**

**PROGRAM**

```
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")
```

## PROGRAM:

```
humid.py - C:/Users/chandra mohan/Documents/phython/humid.py (3.10.7)
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")
```

## OUTPUT:

```
IDLE Shell 3.10.7
File Edit Shell Debug Options Window Help

Python 3.10.7 (tags/v3.10.7:6cc6b13, Sep 5 2022, 14:08:36) [MSC v.1933 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/chandra mohan/Documents/phython/humid.py =====
The Temperature is: 24
The Humidity is: 37 %
High Temperature
High Humidity
>>>|
```