Assignment -2
PYTHON PROGRAMMING

Assignment Date	26 september2022
Student Name	T. CHAKRI
Student Roll Number	721419106035
Maximum Marks	2 Marks

QUESTION:

Build a python code,Assume u 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.

PROGRAM:

```python
a=int(input("Enter the temperature"))
b=int(input("Enter the humidity"))
if a>50:
    if b>60:
        print("Alarm is detected")
    else:
        print("High temperature is detected")
elif a == 50:
    print("temperature maximum threshold reached")
else:
    print("All Good")
```

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: D:/python/TEMP AND HUMIDITITY ====================
Enter the temperature 40
Enter the humidity 20
All Good
>>>
=================== RESTART: D:/python/TEMP AND HUMIDITITY ===================
Enter the temperature 80
Enter the humidity 40
High temperature is detected
>>>
=================== RESTART: D:/python/TEMP AND HUMIDITITY ===================
Enter the temperature 50
Enter the humidity 50
temperature maximum threshold reached
>>>
=================== RESTART: D:/python/TEMP AND HUMIDITITY ===================
Enter the temperature 70
Enter the humidity 70
Alarm is detected
>>>
```