

ASSIGNMENT-2
PYTHON PROGRAM

ASSIGNMENT DATE	19 th Sep 2022
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ROLL NO	960219106034
MAXIMUM MARKS	2 marks

QUESTION:

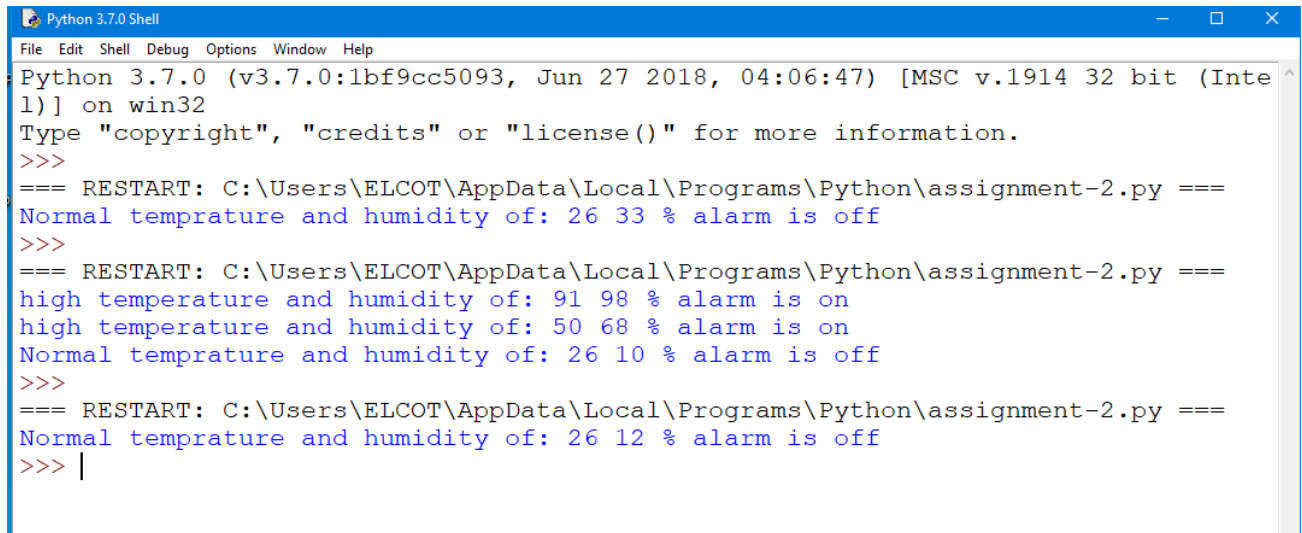
Build a python code, Assume u get temperature and humidity values (generated with random function to a variable) and write a condition to continuously detect alarm in case of high temperature.

SOLUTION:

PROGRAM:

```
import random
while(True):
    a=random.randint(10,99)
    b=random.randint(10,99)
    if(a>35 and b>60):
        print("high temperature and humidity of:",a,b,"%","alarm is on")
    elif(a<35 and b<60):
        print("Normal temprature and humidity of:",a,b,"%","alarm is off")
    break
```

OUTPUT:



```
Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:06:47) [MSC v.1914 32 bit (Intel)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
=== RESTART: C:\Users\ELCOT\AppData\Local\Programs\Python\assignment-2.py ===
Normal temprature and humidity of: 26 33 % alarm is off
>>>
=== RESTART: C:\Users\ELCOT\AppData\Local\Programs\Python\assignment-2.py ===
high temperature and humidity of: 91 98 % alarm is on
high temperature and humidity of: 50 68 % alarm is on
Normal temprature and humidity of: 26 10 % alarm is off
>>>
=== RESTART: C:\Users\ELCOT\AppData\Local\Programs\Python\assignment-2.py ===
Normal temprature and humidity of: 26 12 % alarm is off
>>> |
```