

CODE:

```
import random

a=int(input("enter the starting value: "))

b=int(input("enter the stop value: "))

i=1

while i<5:

    temp=random.randint(a,b)

    hum=random.randint(a,b)

    i+=1

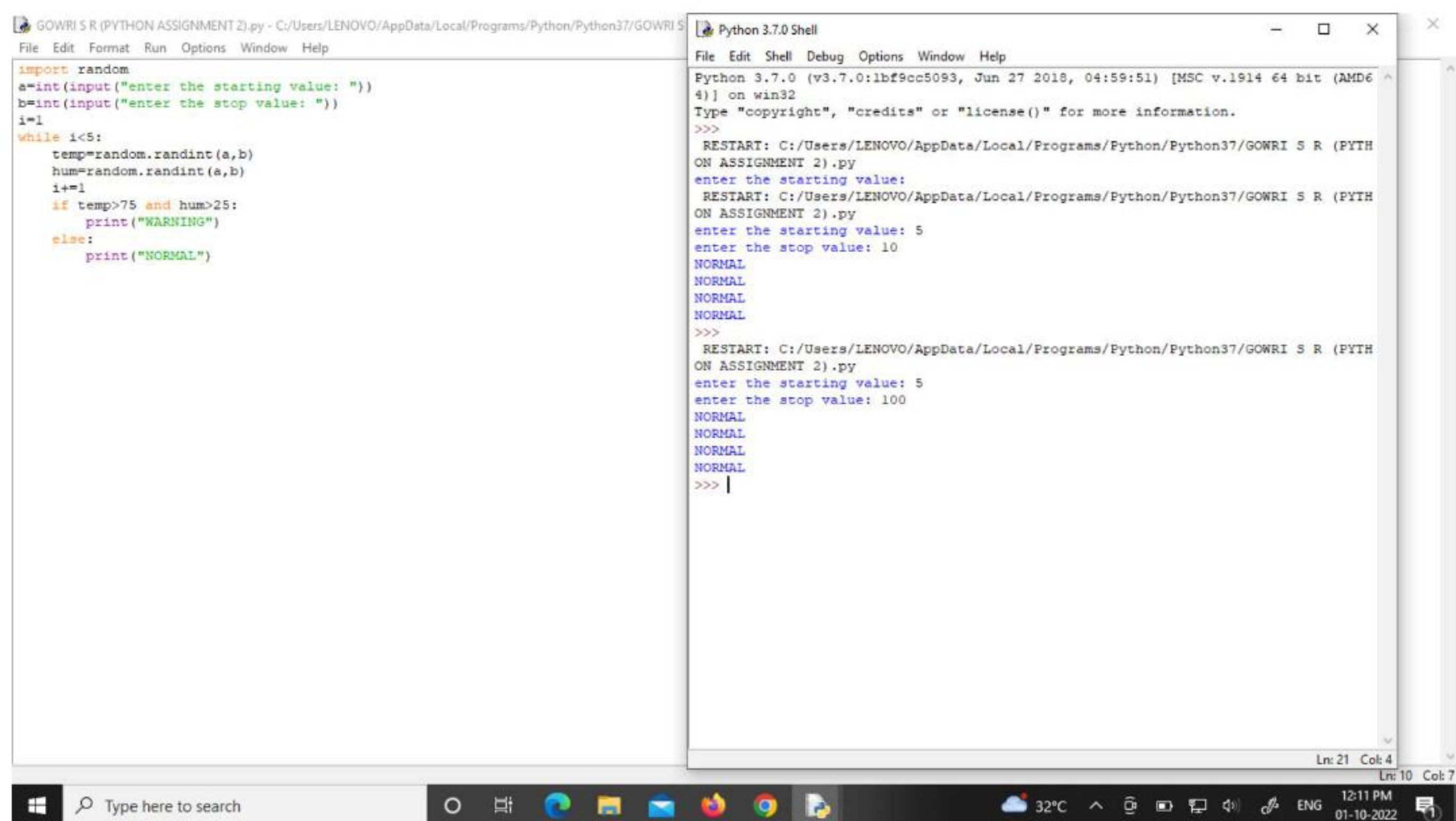
    if temp>75 and hum>25:

        print("WARNING")

    else:

        print("NORMAL")
```

OUTPUT:



The screenshot displays a Windows desktop environment. On the left, a text editor window titled 'GOWRI S R (PYTHON ASSIGNMENT 2).py' shows the Python code. On the right, a 'Python 3.7.0 Shell' terminal window shows the execution of the script. The terminal output indicates that the script was restarted twice, each time with different input values for 'a' and 'b'. In both cases, the output consists of four 'NORMAL' messages, indicating that the condition 'temp > 75 and hum > 25' was never met during the five iterations of the while loop.

```
GOWRI S R (PYTHON ASSIGNMENT 2).py - C:/Users/LENOVO/AppData/Local/Programs/Python/Python37/GOWRI S R
File Edit Format Run Options Window Help
import random
a=int(input("enter the starting value: "))
b=int(input("enter the stop value: "))
i=1
while i<5:
    temp=random.randint(a,b)
    hum=random.randint(a,b)
    i+=1
    if temp>75 and hum>25:
        print("WARNING")
    else:
        print("NORMAL")

Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
RESTART: C:/Users/LENOVO/AppData/Local/Programs/Python/Python37/GOWRI S R (PYTHON ASSIGNMENT 2).py
enter the starting value:
RESTART: C:/Users/LENOVO/AppData/Local/Programs/Python/Python37/GOWRI S R (PYTHON ASSIGNMENT 2).py
enter the starting value: 5
enter the stop value: 10
NORMAL
NORMAL
NORMAL
NORMAL
>>>
RESTART: C:/Users/LENOVO/AppData/Local/Programs/Python/Python37/GOWRI S R (PYTHON ASSIGNMENT 2).py
enter the starting value: 5
enter the stop value: 100
NORMAL
NORMAL
NORMAL
NORMAL
>>> |
```