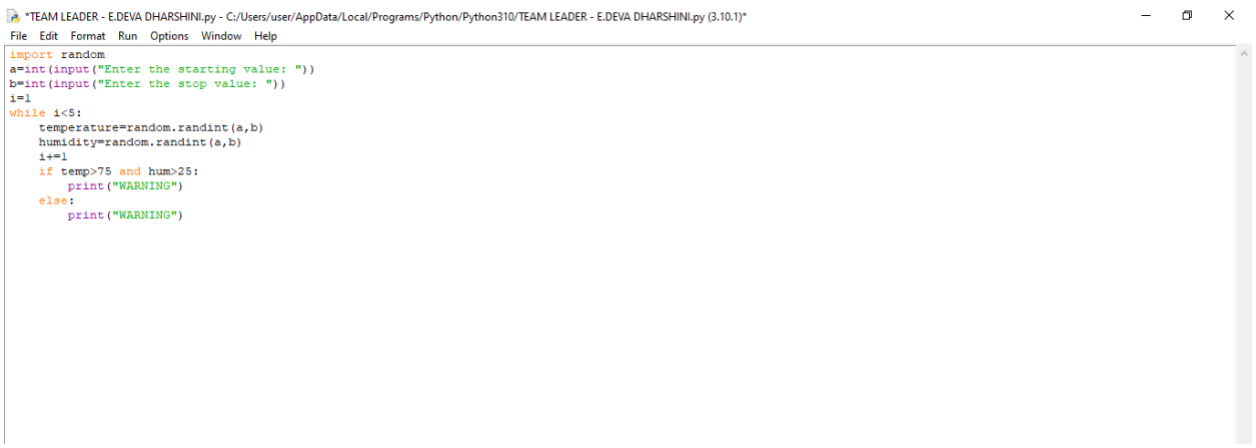
ASSIGNMENT II

PYTHON CODE WITH A CONDITION TO CONTINUOUSLY DETECT ALARM IN CASE OF HIGH TEMPERATURE

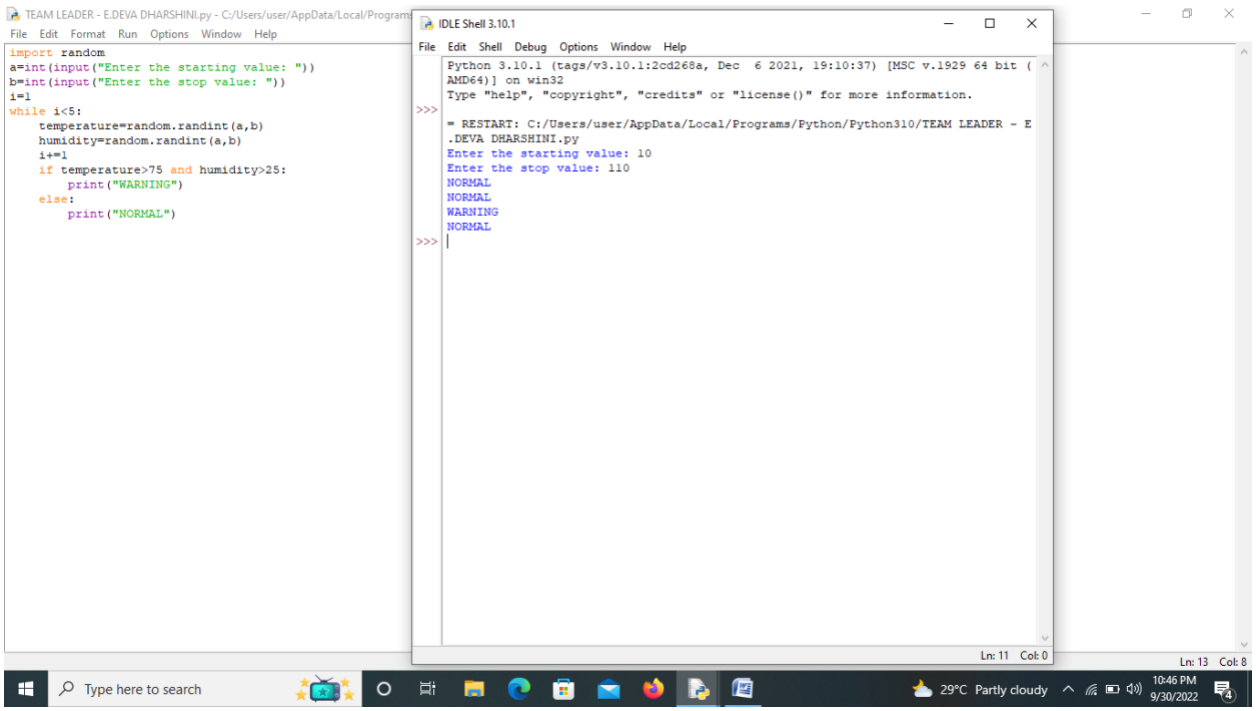
PYTHON CODE:

```
import random
a=int(input("Enter the starting value: "))
b=int(input("Enter the stop value: "))
i=1
while i<5:
   temperature=random.randint(a,b)
   humidity=random.randint(a,b)
   i+=1
   if temperature>75 and humidity>25:
      print("WARNING")
   else:
      print("NORMAL")
```

CODE IN PYTHON IDE-IDLE:



OUTPUT:


TEAM LEADER - E.DEVA DHARSHINI.py - C:/Users/user/AppData/Local/Programs
File Edit Format Run Options Window Help
import random
a=int(input("Enter the starting value: "))
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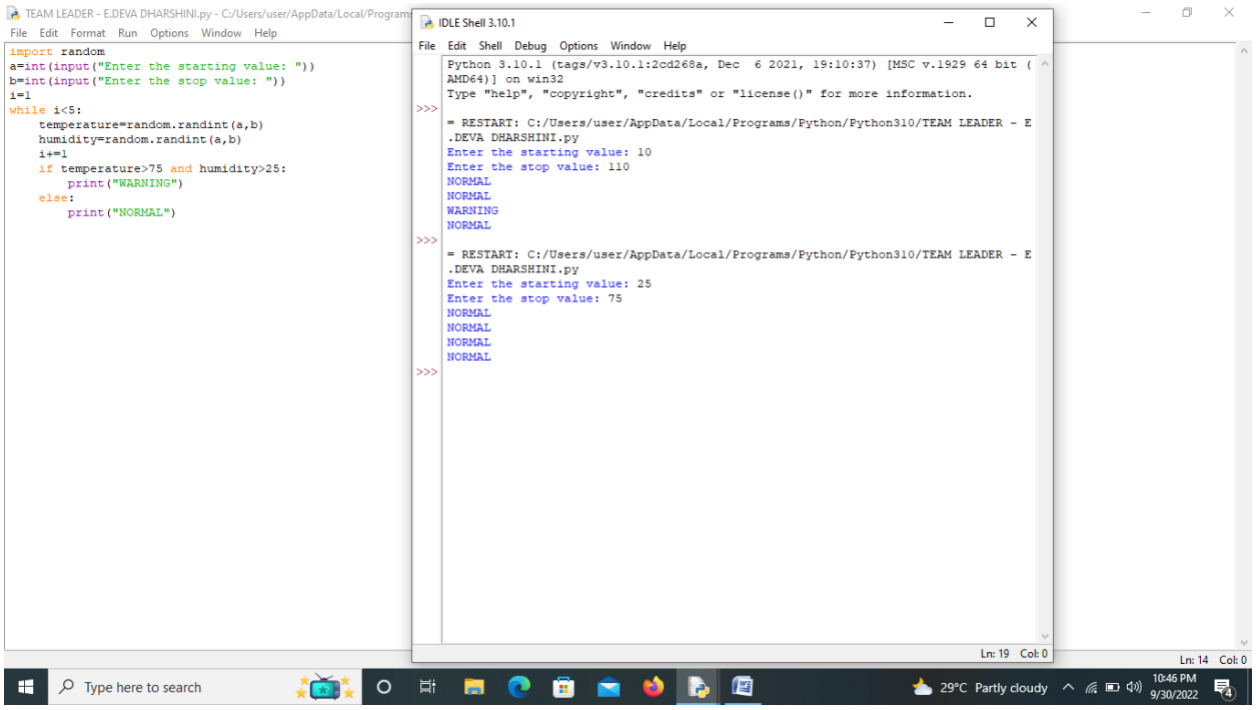
print("WARNING")
else:
print("NORMAL")
IDLE Shell 3.10.1
File Edit Shell Debug Options Window Help
Python 3.10.1 (tags/v3.10.1:2cd268a, Dec 6 2021, 19:10:37) [MSC v.1929 64 bit (
AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:/Users/user/AppData/Local/Programs/Python/Python310/TEAM LEADER - E
.DEVA DHARSHINI.py
Enter the starting value: 10
Enter the stop value: 110
NORMAL
NORMAL
WARNING
NORMAL
>>>
Ln: 11 Col: 0
Ln: 13 Col: 8
Type here to search
29°C Partly cloudy
10:46 PM
9/30/2022


TEAM LEADER - E.DEVA DHARSHINI.py - C:/Users/user/AppData/Local/Programs
File Edit Format Run Options Window Help
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IDLE Shell 3.10.1
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>>>
= RESTART: C:/Users/user/AppData/Local/Programs/Python/Python310/TEAM LEADER - E
.DEVA DHARSHINI.py
Enter the starting value: 10
Enter the stop value: 110
NORMAL
NORMAL
WARNING
NORMAL
>>>
= RESTART: C:/Users/user/AppData/Local/Programs/Python/Python310/TEAM LEADER - E
.DEVA DHARSHINI.py
Enter the starting value: 25
Enter the stop value: 75
NORMAL
NORMAL
NORMAL
NORMAL
>>>
Ln: 19 Col: 0
Ln: 14 Col: 0
Type here to search
29°C Partly cloudy
10:46 PM
9/30/2022