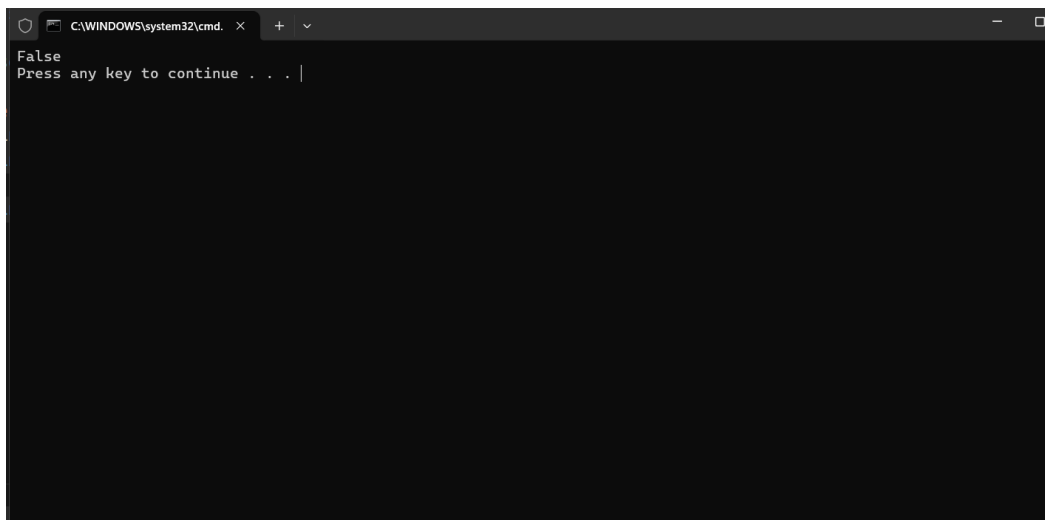


10) Write a program for to check whether a given String is Palindrome or not using recursion

CODE:

```
def palindrome(string):  
    if string.lower()==string[::-1].lower():  
        return True  
    else:  
        return False  
a="women"  
if palindrome(a):  
    print(True)  
else:  
    print(False)
```

OUTPUT:

A screenshot of a Windows command prompt window. The title bar shows the path 'C:\WINDOWS\system32\cmd.' and standard window controls. The command prompt displays the output 'False' on the first line and 'Press any key to continue . . .' on the second line, with a cursor at the end of the second line.

TIME COMPLEXITY : $O(n)$