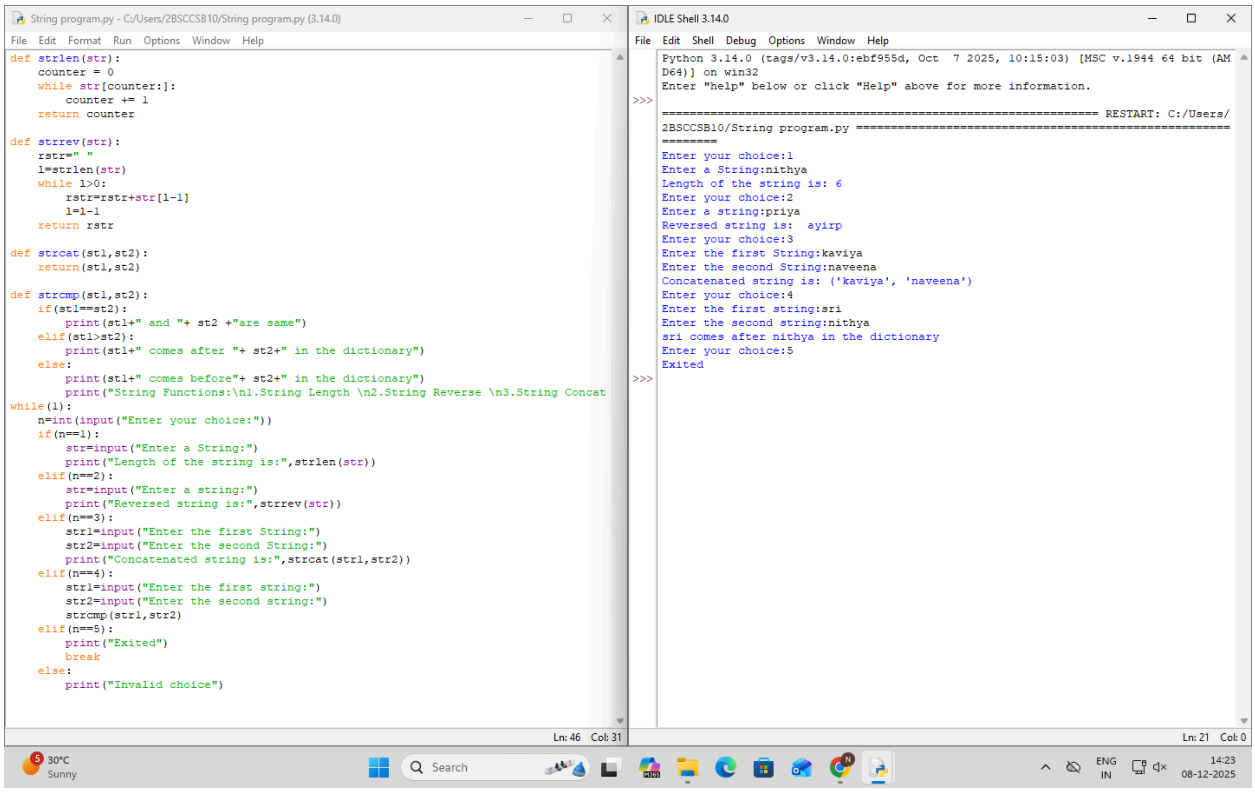
Functions using strings



String program.py - C:/Users/2BSCCSB10/String program.py (3.14.0)

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```
def strlen(str):
    counter = 0
    while str[counter:]:
        counter += 1
    return counter

def strrev(str):
    rstr=" "
    l=strlen(str)
    while l>0:
        rstr=rstr+str[l-1]
        l=l-1
    return rstr

def strcat(st1,st2):
    return(st1,st2)

def strcmp(st1,st2):
    if(st1==st2):
        print(st1+" and "+ st2 +"are same")
    elif(st1>st2):
        print(st1+" comes after "+ st2+" in the dictionary")
    else:
        print(st1+" comes before"+ st2+" in the dictionary")
        print("String Functions:\n1.String Length \n2.String Reverse \n3.String Concat
while(1):
    n=int(input("Enter your choice:"))
    if(n==1):
        str=input("Enter a String:")
        print("Length of the string is:",strlen(str))
    elif(n==2):
        str=input("Enter a string:")
        print("Reversed string is:",strrev(str))
    elif(n==3):
        str1=input("Enter the first String:")
        str2=input("Enter the second String:")
        print("Concatenated string is:",strcat(str1,str2))
    elif(n==4):
        str1=input("Enter the first string:")
        str2=input("Enter the second string:")
        strcmp(str1,str2)
    elif(n==5):
        print("Exited")
        break
    else:
        print("Invalid choice")
```

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IDLE Shell 3.14.0

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```
Python 3.14.0 (tags/v3.14.0:ebf955d, Oct  7 2025, 10:15:03) [MSC v.1944 64 bit (AM
D64)] on win32
Enter "help" below or click "Help" above for more information.
>>>
========== RESTART: C:/Users/
2BSCCSB10/String program.py ==========
========
Enter your choice:1
Enter a String:nithya
Length of the string is: 6
Enter your choice:2
Enter a string:priya
Reversed string is:  ayirp
Enter your choice:3
Enter the first String:kaviya
Enter the second String:naveena
Concatenated string is: ('kaviya', 'naveena')
Enter your choice:4
Enter the first string:sri
Enter the second string:nithya
sri comes after nithya in the dictionary
Enter your choice:5
Exited
>>>
```

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