

▼ Experiment 2

AIM

Write a python program to count the number of Characters in a given string and hence to display the characters of string in reverse order.

Description

Strings: Strings in python are surrounded by either single quotation marks, or double quotation marks.

Counting characters of string

Slicing: slicing is about obtaining a sub-string from the given string by slicing it respectively from start to end

▼ Program

```
# Use input() to enter your full name
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name = input(print("enter the name"))

print(name)

    enter the name
    Sagar C V
    Sagar C V

# Print the string in Reverse Order
name= "sagar c v" [::-1]
print(name)

    v c ragas

# Using slicing, print only first name from variable name

name= "sagar cv"
firstname_sliced= name[0:5]
print(firstname_sliced)

#print only last name
lastname_sliced= name[6:]
print(lastname_sliced)

    sagar
```

CV

```
# Print the total number of characters in name
name= "Sagar C V"
print ("number of charcters ", len(name))

    number of charcters  9

# Print the number of characters in name excluding whitespace
name= "Sagar C V"
count=len(name)-name.count(" ")
print ("number of chars(excluding white space): ", count)

    number of chars(excluding white space):  7

# Print the number of vowels (a,e,i,o,u) in name
name="Sagar C V"
print("Number of vowels in my name: ")
count = 0
for vowels in name:
    if vowels in "aeiouAEIOU":
        count+=1;
    else:
        continue
print(count)

    Number of vowels in my name:
    2
```

▼ Conclusion

Double-click (or enter) to edit

Evaluation

Criteria	Total Marks	Marks Obtained	Comments
Concept(A)	2		
Implementation(B)	2		
Performance(C)	2		
Total	6		

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