```python
In [1]: #Write a Python program to calculate the length of a string
        str = input("Enter a string: ")
        counter = 0
        for s in str:
            counter = counter+1
        print("Length of the input string is:",counter)
```

Enter a string: mani
Length of the input string is: 4

```python
In [1]: #Write a Python program to count the number of characters (character fr
        equency) in a string.
        print("Enter 'x' for exit.")
        string = input("Enter any string to count character: ")
        if string == 'x':
            exit();
        else:
            char = input("Enter a character to count from above string: ")
            val = string.count(char)
            print("Total = ",val)
```

Enter 'x' for exit.
Enter any string to count character: mani
Enter a character to count from above string: m
Total = 1

```python
In [2]: #Write a Python program to get a single string from two given strings,
         separated by a space and swap the first two characters of each string
        def chars_mix_up(a, b):
          new_a = b[:2] + a[2:]
          new_b = a[:2] + b[2:]
          return new_a + ' ' + new_b
        print(chars_mix_up('abc', 'xyz'))
```

xyc abz

```python
In [5]: #Write a Python script that takes input from the user and displays that
        # input back in upper and lower cases
        user_input = input("what is your name")
        print("My name is :", user_input.upper())
        print("My name is :", user_input.lower())
```

```
what is your namemani
My name is : MANI
My name is : mani
```

```python
In [6]: #Write a Python program to remove a newline in Python.
        str1='Python Exercises\n'
        print(str1)
        print(str1.rstrip())
```

```
Python Exercises

Python Exercises
```

```python
In [7]: #Write a Python program to count occurrences of a substring in a strin
        g.
        str1 = 'Gitam University bengaluru'
        print()
        print(str1.count("Gitam"))
        print()
```

```
1
```

```python
In [9]: #Write a Python program to convert a string in a list.
        import ast
        color ="['Red', 'Green', 'White']"
        print(ast.literal_eval(color))
```

```
['Red', 'Green', 'White']
```

```python
In [10]: #Write a Python program to perform Deletion of a character
         s = 'mani'
```

```
print(s.replace('a', ''))
```

mni

In [1]:
```
#Write a program to print every character of a string entered by user in a new line using loop.
a =input()
for i in a:
    print(i)
```

Mani
M
a
n
i

In [3]:
```
#Write a program to find the length of the string "refrigerator" without using len function.
a = "refrigerator"
count = 0
for i in a:
  count = count+1
print(count)
```

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