

Q1 Write a Python program that accepts a string from user. Your program should create and display a new string where the first and last characters have been exchanged.

For example if the user enters the string 'HELLO' then new string would be 'OELLH'

```
Name=input("Enter the String:")
Reverse_name=name[::-1]
print(Reverse_name)
```

```
Enter the String:Yashoda Aherr
rrehA adohsaY
```

Q2 Write a Python program that accepts a string from user. Your program should create a new string in reverse of first string and display it.

For example if the user enters the string 'EXAM' then new string would be 'MAXE'

```
Name=input("Enter the String:")
Reverse_name=name[::-1]
print(Reverse_name)
```

```
Enter the String:EXAM
MAXE
```

Q3 Write a Python program that accepts a string from user. Your program should create a new string by shifting one position to left.

For example if the user enters the string 'examination 2021' then new string would be 'xamination 2021e'

```
"""'python 2026' then new string
would be 'ython 2026p'"""

```

```
name=input("Enter the String:")

first_letter=name[0]
Remain_stirng=name[1:]

print(Remain_stirng+first_letter)
```

```
Enter the String:python 2026
ython 2026p
```

Q4 Write a Python program to calculate the length of a string.

```
name="Yashoda Aherr"
len(name)
```

```
13
```

Q5 Write a Python program to get a string made of the first 2 and last 2 characters of a given string. If the string length is less than 2, return the empty string instead. Sample String : 'w3resource' Expected Result : 'w3ce' Sample String : 'w3' Expected Result : 'w3w3' Sample String : ' w' Expected Result : Empty String

```
name1=input("Enter the string: ")
first_string=name1[0:2]+name1[-2:]
print(first_string)
name2=input("Enter the string: ")
last_string=name2[0:2]+name2[0:2]
print(last_string)
name3 = input("Enter the string: ")
space_string = ""
print(space_string)
```

```
Enter the string: yashoda
yada
Enter the string: yasho
yaya
Enter the string: yhh
```

```

name1=input("Enter the string: ")
first_string=(name1[0:2]+name1[-2:])or(name1[0:2]+name1[0:2])or(name1=="")
print(first_string)
# name2=input("Enter the string: ")
# last_string=name2[0:2]+name2[0:2]
# print(last_string)
# name3 = input("Enter the string: ")
# space_string = ""
# print(space_string)

```

```

Enter the string: y
yy

```

Q6 Write a Python program to add 'ing' at the end of a given string (length should be at least 3). If the given string already ends with 'ing', add 'ly' instead. If the string length of the given string is less than 3, leave it unchanged. Sample String : 'abc' Expected Result : 'abcing'  
Sample String : 'string' Expected Result : 'stringly'

```

s=input('enter a string ')
if len(s) > 2 and s[-3:]=='ing':
    print(s+'ly')
elif len(s)>2:
    print(s+'ing')
else:
    print(s)

```

```

enter a string string
stringly

```

Q7 Write a Python program to remove the nth index character from a nonempty string.

```

#Remove nth index character
#from the nonempty string

string =input("Enter the string:")
n=int(input("Enter the index to remove:"))
result=string[:n]+string[n+1:]
print("Result:",result)

# s=input("Enter a string")
# n=int(input("Enter a number"))
# if len(n)> 0 and len(s)> n:
#     frist=s[:n]
#     last=s[n+1:]
#     print(frist+last)
# else:
#     print('invalid input or Index out of range')

```

```

Enter the string:yashoda
Enter the index to remove:4
Result: yashda

```

Q8 Write a Python program to change a given string to a newly string where the first and last chars have been exchanged.

```

string = input("Enter the string: ")
new_string=string[-1]+string[1:-1]+string[0]
print(new_string)

```

```

Enter the string: YashodA
AashodY

```

Q9 Write a Python script that takes input from the user and displays that in upper and lower cases.

```

name = input("Enter your string:")
print(name.upper())
print(name.lower())

```

```
Enter your string:YashODa aHErr  
YASHODA AHERR  
yashoda aherr
```