In [3]:
```
#finding the length of the string
str=input("enter a string")
count=0
for i in str:
    count+=1
print("the length of the string is",count)
```

```
enter a stringsndcg
the length of the string is 5
```

In [4]:
```
#counting of same element in a string
str=input("enter a string :")
s=input("enter character to be searched :")
count=0
for i in str:
    if i==s:
        count+=1
print(f"the count of {s} in the given string is {count}")
```

```
enter a string :suresh
enter character to be searched :s
the count of s in the given string is 2
```

In [5]:
```
#obtain first and last two characters of a string
str=input("enter a string")
l=len(str)
if l>2:
    print(str[0],str[1],str[-2],str[-1])
else:
    print("   ")
```

```
enter a stringsuresh
s u s h
```

In [12]:
```
#adding strings
str=input("enter a string")
if len(str)>2:
    if str[-1]=="g" and str[-2]=="n" and str[-3]=="i":
        print(str+"ly")
    else:
        print(str+"ing")
```

```
enter a stringptinting
ptintingly
```

In [15]:
```
#deleting element in a string at input index
str=input("enter a string")
i=int(input("enter index to delete an element in a string"))
a=str[:i]
b=str[i+1:]
print("The resulting string is",a+b)
```

```
enter a stringrajesh
enter index to delete an element in a string3
The resulting string is rajsh
```

In [5]:
```
#deleting odd index strings
str=input("enter a string")
for i in range(len(str)):
    if i%2==0:
        print(str[i])
```

```
enter a stringsuresh
s
r
s
```

In [6]:
```
#converting a string lower to upper
str=input("enter a string")
a=str.upper()
b=str.lower()
print(a,b)
```

```
enter a stringsureshsd
SURESHSD sureshsd
```

In [7]:
```
#reverse
str=input("enter a string")
if len(str)%4==0:
    rev=" "
    for i in range(len(str)-1,-1,-1):
        rev+=str[i]
    print("reverse of a given string is",rev)
else:
    print("the length of the string is not a multiple of 4")
```

```
enter a stringlove
reverse of a given string is  evol
```

In [16]:
```
#converting a string lower to upper
str=input("enter a string")
uppercase_count=0
for char in str[:4]:
    if char.upper()==char:
        uppercase_count=uppercase_count+1
if uppercase_count>=2:
    result=str.upper()
    print("converted to upper case:",result)
else:
    print("no conversion needed")
```

```
enter a stringSuReSh
converted to upper case: SURESH
```

In [17]:
```
#checking first character of a string is specified or not
str=input("enter a string")
if str[0]<"A" and str[0]>"z" and str[0]<"a" and str[0]>"z":
    print("the string starts with alphabets")
else:
    print("the string starts with specified character")
```

```
enter a string$ave
the string starts with alphabets
```

In [20]:
```
#counting of words in a string
str=input("enter a string")
str_sub=input("enter a string to be continued in above string :")
print("count of sub strings is",str.count(str_sub))
```

```
enter a stringthe man is a man
enter a string to be continued in above string :man
count of sub strings is 2
```

In [28]:
```
#pallindrome
str=input("enter a string")
rev=" "
for i in range(len(str)-1,-1,-1):
    rev+=str[i]
if rev==str:
    print("the given string is a pallindrome")
else:

    print("the given string is not a pallindrome")
```

```
enter a stringdad
the given string is a pallindrome
```

In [30]:
```
#reversing words
str=input("enter a string")
words=str.split()
words=list(reversed(words))
print("  ".join(words))
```

```
enter a stringsuresh reddy
reddy  suresh
```

In [1]:
```
#count occurance of a character
str=input("enter a string :")
a=len(str)
p=input("required word to count")
n=str.count(p,0,a+1)
print("occurance is",n)
```

```
enter a string :hahahahah
required word to counth
occurance is 5
```

In [ ]:
```

```