```
#  Generate a string by combining first two characters and last two characters from an input string.
#  If length of input string is 2, then resultant string must be a concatenation of those characters
#  or if length is less than 2, return an empty string instead.


str=input("Enter a string  :")
l=len(str)
if l<2:
    print("")
elif l==2:
    print(str)
else:
    nstr=str[0:2]+str[-2:]
    print(nstr)
```

```
Enter a string  :string
stng
```

```
#  Find the first appearance of 'not' followed by 'bad' in a given string.
#If 'bad' follows 'not', then replace the whole 'not…bad' substring with 'good'.


str=input("Enter a string  :")
if 'bad not' in str:
    print(str.replace('bad not','good'))
```

```
Enter a string  :its bad not thing
its good thing
```

```
#  Write a program to check whether a list is empty or not by determining its length


sam=[1,8,-7,-6,5,45,-8,8]
if not sam:
  print(" list is empty")
else:
  print("not empty")
```

```
not empty
```

```
#  Write a program to check if a given key already exists in a dictionary.


dic={'India':1,'is':1,'my':2,'country':2,'I':1,'love':1}
s=input("enter the key to search:")
k=0
for i in dic.keys():
    if (i==s):
        k=1
if (k==1):
  print("exist")
else:
  print("not exist")
```

```
enter the key to search:love
exist
```

```
#  Evaluate using conditional statement


s=int(input("Enter a number"))
print("even" if (s%2)==0 else "odd")
```

```
Enter a number22
even
```