```python
##2 SUM OF NNUMBERS IN A LIST
#create list
list=[8,2,3,0,7]
#method1
a=sum(list)
print(a)
#method2
sum=0
for i in list:
    sum=sum+i
    print(f"Sum of list is {sum}")


##3 MULTIPLY NUMBERS IN A LIST
#CREATE LIST
list=[8,2,3,-1,7]
result=1

for i in list:
    result=result*i

print(result)


##4 REVERSE STRING
string="1234abcd"
print(string[::-1])


##10 EVEN NUMBERS
list=[1,2,3,4,5,6,7,8,9]
even=0
```

```python
for i in list:
    if i%2==0:
        even=even+1
        print(i,end=" ")


##11 PALINDROME
str=input("Enter a string: ")
if str==str[::-1]:
    print("The string is a palindrome ")
else:
    print("The string is not a palindrome ")
```