##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

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 ")