**Check if the first and last number of the list is the same**

list1=[10,20,30,40,20]

if(list1[0]==list1[-1]):

print("yes")

else:

print("NO")

**Divisible the numbers divisible by 5 from a list**

list1=[10,20,33,46,55]

count=0

list2=[]

for i in range(0,len(list1)):

if(list1[i]%5==0):

count+=1

list2.append(list1[i])

print(list2)

**return the count of a given substring from a string**

str1="Emma is good developer. Emma is a writer"

print(str1.count("Emma"))

**check the palindrome number**

n=int(input())

temp=n

s=0

while n:

r=n%10

s=s\*10+r

n=n//10

if temp==s:

print("Number is a palindrome")

else:

print("Number is not a palindrome")

**write a program to extract each digit from an integer in the reverse order**

n=int(input())

temp=n

s=0

while n:

r=n%10

n=n//10

print(r,end=" ")