**Program;**

n=int(input("enter a no:"))

a=n

for i in range(1,n+1):

print(str(n)\*a)

a-=1

**output;**

enter a no:5

55555

5555

555

55

5

**Program;**

n=int(input("enter a no of rows:"))

a='\*'

s=0

for i in range(n,0,-1):

print(' '\*s,end='')

for j in range(1,i+1):

print(a,end=' ')

s+=1

print()

**output;**

enter a no of rows:5

\* \* \* \* \*

\* \* \* \*

\* \* \*

\* \*

\*

**Program;**

f1=int(input('enter a no f1='))

f2=int(input('enter a no f2='))

n=int(input('enter a no n='))

print(f1)

print(f2)

i=0

while(i<n-2):

f3=f1+f2

print(f3)

f1=f2

f2=f3

i=i+1

**output;**

enter a no f1=0

enter a no f2=1

enter a no n=8

0

1

1

2

3

5

8

13

**Program;**

n=int(input('enter a no='))

sum=0

for i in range(1,n+1):

fact=1

for j in range(1,i+1):

fact\*=j

sum=sum+fact

print('the sum is',sum)

**output;**

enter a no=2

the sum is 3