EXP NO : 4-A 1 NUMBER OF SERIES

DATE : 07/01/2023

AIM :

To find the sum of the series of 1!+….+n!.

SOURCE CODE :

n=int(input("enter the number:"))

sum=0

fact=1

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

fact=fact\*i

sum=sum+fact

print(sum)

OUTPUT :

Enter the number : 5

153

EXP NO : 4-A2 NUMBER OF SERIES

DATE : 07/01/2023

AIM :

To find the sum of 9 series.

SOURCE CODE :

n=int(input("enter the number: "))

j=9

sum=0

if(n==1):

print(j)

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

sum=sum+j

j=(j\*10)+9

print(“sum of the series:”,sum)

OUTPUT :

Enter the number of series to be printed : 3

Sum of the series : 1107

EXP NO : 4-B NUMBER PYRAMID

DATE : 07/01/2023

AIM :

To print the pyramid in numbers.

SOURCE CODE :

n=int(input("enter the number: "))

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

print()

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

print(j,end=" ")

OUTPUT :

1

2 1

3 2 1

4 3 2 1

5 4 3 2 1

EXP NO : 4-C PYRAMID PATTERN

DATE : 07/01/2023

AIM :

To print the pyramid pattern in right start pattern of star.

SOURCE CODE :

n=int(input("enter the number: "))

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

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

print("\*",end=" ")

print()

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

for j in range(n-i):

print("\*",end=" ")

print()

OUTPUT :

\*

\* \*

\* \* \*

\* \* \* \*

\* \* \* \* \*

\* \* \* \*

\* \* \*

\* \*

\*

EXP NO : 4-D LEAP YEAR

DATE : 07/01/2023

AIM :

To print all the leap years in a certain range.

SOURCE CODE :

n=int(input("enter the year:"))

m=int(input("enter the year:"))

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

if(i%4==0 and i%100!=0 or i%400==0):

print(i,end=" ")

OUTPUT :

Enter the year : 2000

Enter the year : 1900

1904 1908 1912 1916 1920 1924 1928 1932 1936 1940 1944 1948 1952 1956 1960 1964 1968 1972 1976 1980 1984 1988 1992 1996 2000