#include<iostream.h>

#include<conio.h>

#include<math.h>

void main()

{ int n;

float x,sum=0;

unsigned long fact=1;

clrscr();

cout<<"enter the terms";

cin>>n;

cout<<"enter x";

cin>>x;

for(int i=1;i<=n;i++)

{

for(int j=i;j>=1;j--)

fact\*=j;

sum+=pow(x,1\*i-1)/fact;

}

cout<<"the sum of series is"<<sum;

getch();

}

OUTPUT: 