#include<iostream.h>

#include<conio.h>

#include<math.h>

void main()

{ int n,x;

float sum;

clrscr();

cout<<"enter the terms";

cin>>n;

cout<<"enter x";

cin>>x;

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

{

int fact=1;

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

{

fact\*=j;

}

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

}

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

getch();

}

OUTPUT: 