/\* program 26 CHIRAG 11-A \*/

#include<iostream.h>

#include<math.h>

#include<conio.h>

void main()

{ int n,x;

float sum=0,fact=0;

clrscr();

cout<<" enter the number of terms: ";

cin>>n;

cout<<"enter x: ";

cin>>x;

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

{

fact=1;

for(int j=3\*i;j>=1;j--)

fact\*=j;

sum+=pow(x,(2\*i-2))/fact;

}

cout<<" \n the sum the series is: "<<sum;

getch();

}

OUTPUT: 