/\* program 27 CHIRAG 11-A \*/

#include<iostream.h>

#include<math.h>

#include<conio.h>

void main()

{

int n,x;

unsigned long fact;

float sum=0;

cout<<" enter x";

cin>>x;

cout<<" enter n";

cin>>n;

if(n>=1)

sum=1;

if(n>=2)

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

{ fact=1;

for(int j=2\*i+1;j>1;j--)

fact\*=j;

sum+=pow(x,(2\*i+1))\*pow(-1,i)/fact;

}

}

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

getch();

}

OUTPUT: 