#include<iostream.h>

#include<math.h>

#include<conio.h>

void main()

{ int n,x;

clrscr();

cout<<"enter n";

cin>>n;

cout<<" enter x";

cin>>x;

long sum=0;

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

{

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

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

getch();

}

OUTPUT: 