# include <iostream>

# include <cmath>

using namespace std;

int main()

{

int FirstNum;

   int SecondNum;

   int sumOfOdd = 0,sumOfEven = 0;

   int squares = 0;

cout << "Please enter two numbers, first number must be less than second number :"<<endl;

cout<< " Please enter First number:";

cin >> FirstNum ;

cout <<endl;

cout<< " Please enter Second number:";

cin>> SecondNum ;

   cout << endl;

   cout << "The Odd number(s) between First number and Second number are :"<<endl;

for (int i = FirstNum; i <= SecondNum; i++){

   if(FirstNum % 2!= 0)

    {

    cout <<i << "\n";

    sumOfOdd = sumOfOdd + pow (i,2) ;

   }

{

sumOfEven = sumOfEven + FirstNum; }

i++;

   }

   cout<<endl;

    cout << "The sum of all even numbers betewwn first and second number is :"<<sumOfEven<<endl;

cout << "The sum of squares of all odd numbers between first and second number is :" << sumOfOdd<< endl;

cout << "Sum of squares First and Second number is :"<<endl;

for (int i = FirstNum; i <= SecondNum; i++){

cout << i ;

squares = pow (i,2);

cout << "="<<squares << endl;

}

cout<<"CODED BY HAMDAN KHAN."<<endl;

}