***Show the sum of square of even numbers and sum of odd number and program protected by password.***

#include<iostream>

#include<conio.h>

using namespace std;

int main()

{

int start,end,sume=0,sumo=0,i=1;

int pass;

do

{

cout<<"Enter the password:";

cin>>pass;

if(pass==1234)

{

i=4;

cout<<"Enter the starting number:";

cin>>start;

cout<<"Enter the ending number:";

cin>>end;

//this comments are not the part of this program.//

//if u want to check the sum in middle given number than in while condition

//remove the = sign.

while(start<=end)

{

if(start%2==0)

{

sume=sume+(start\*start);

}

else

{

sumo=sumo+start;

}

start++;

}

cout<<"the sum of the even numbers:"<<sume<<endl;

cout<<"the sum of the odd numbers:"<<sumo<<endl;

}

else

{

cout<<"your password is invalid."<<endl;

i++;

}

}

while(i<=3);

getch();

}