



Bienvenido,
IGNACIO

1158

Descripción
Pantalla
Completa
Enviar
Ranking
Foro
Toolkit

Principiante

FACEBOOK[fb.com/urionlinejudge](https://www.facebook.com/urionlinejudge)

URI Online Judge | 1158

Sum of Consecutive Odd Numbers III

Adapted by Neilor Tonin, URI Brazil

Timelimit: 1

Read an integer **N** that is the number of test cases that follows. Each test case contains two integers **X** and **Y**. Print one output line for each test case that is the sum of **Y** odd numbers from **X** including it if is the case. For example:

for the input 4 5, the output must be 45, that is: $5 + 7 + 9 + 11 + 13$

for the input 7 4, the output must be 40, that is: $7 + 9 + 11 + 13$

Input

The first line of input is an integer **N** that is the number of test cases that follow. Each test case is a line containing two integer **X** and **Y**.

Output

Print the sum of all consecutive odd numbers from **X**.

Sample Input	Sample Output
2	21
4 3	24
11 2	

