
Sum of Consecutive Odd Numbers

Input file: **standard input**
Output file: **standard output**
Time limit: 1 second
Memory limit: 256 megabytes

Given two numbers X and Y . Print the **sum** of all **odd** numbers between them, excluding X and Y .

Input

First line contains a number T ($1 \leq T \leq 10$) number of test cases.

Next T lines will contain two numbers X and Y ($0 \leq X, Y \leq 10^4$).

Output

Print the **sum** of all **odd** numbers between X and Y (excluding X and Y).

Example

standard input	standard output
3	0
5 6	21
10 4	12
4 9	