

## Odd Sum

Extracted from: UVa 10783  
Source filename: odd.py  
Time limit: 3 second(s)

Given a range  $[a, b]$ , you are to find the summation of all the odd integers in this range. For example, the summation of all the odd integers in the range  $[3, 9]$  is  $3 + 5 + 7 + 9 = 24$ .

### Input

There can be multiple test cases. The first line of input gives you the number of test cases,  $T$  ( $1 \leq T \leq 100$ ). Then  $T$  test cases follow. Each test case consists of 2 integers  $a$  and  $b$  ( $0 \leq a \leq b \leq 100$ ) in two separate lines.

### Output

For each test case you are to print one line of output – the serial number of the test case followed by the summation of the odd integers in the range  $[a, b]$ .

Sample Input	Sample Output
2 1 5 3 5	Case 1: 9 Case 2: 8