

## Problem D

### Odd Sum

Time limit: 1 second

Memory limit: 1024 megabytes

#### Problem Description

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 Format

There can be at 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 Format

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 1

```
2
1
5
3
5
```

#### Sample Output 1

```
Case 1: 9
Case 2: 8
```