|  |
| --- |
| Odd Sum |

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 at multiple test cases. The first line of input gives you the number of test cases, ***T*** ( 1$ \le$***T***$ \le$100). Then T test cases follow. Each test case consists of 2 integers ***a*** and ***b*** ( 0$ \le$***a***$ \le$***b***$ \le$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**

2

1

5

3

5

**Sample Output**

Case 1: 9

Case 2: 8

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20

1

5

3

5

50

92

2

31

11

76

29

35

29

62

51

94

37

91

21

63

28

98

50

60

43

86

0

1

0

0

99

100

100

100

1

100

19

32

7

10

Case 1: 9↵\r\n

Case 2: 8↵\r\n

Case 3: 1491↵\r\n

Case 4: 255↵\r\n

Case 5: 1419↵\r\n

Case 6: 128↵\r\n

Case 7: 765↵\r\n

Case 8: 1584↵\r\n

Case 9: 1792↵\r\n

Case 10: 924↵\r\n

Case 11: 2205↵\r\n

Case 12: 275↵\r\n

Case 13: 1408↵\r\n

Case 14: 1↵\r\n

Case 15: 0↵\r\n

Case 16: 99↵\r\n

Case 17: 0↵\r\n

Case 18: 2500↵\r\n

Case 19: 175↵\r\n

Case 20: 16↵\r\n