**A + B Problem II**

**Time Limit: 2000/1000 MS (Java/Others)    Memory Limit: 65536/32768 K (Java/Others)  
Total Submission(s): 236851    Accepted Submission(s): 45592**

**Problem Description**

I have a very simple problem for you. Given two integers A and B, your job is to calculate the Sum of A + B.

**Input**

The first line of the input contains an integer T(1<=T<=20) which means the number of test cases. Then T lines follow, each line consists of two positive integers, A and B. Notice that the integers are very large, that means you should not process them by using 32-bit integer. You may assume the length of each integer will not exceed 1000.

**Output**

For each test case, you should output two lines. The first line is "Case #:", # means the number of the test case. The second line is the an equation "A + B = Sum", Sum means the result of A + B. Note there are some spaces int the equation. Output a blank line between two test cases.

**Sample Input**

2

1 2

112233445566778899 998877665544332211

**Sample Output**

Case 1:

1 + 2 = 3

Case 2:

112233445566778899 + 998877665544332211 = 1111111111111111110

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**Recommend**

We have carefully selected several similar problems for you:  [1094](http://acm.hdu.edu.cn/showproblem.php?pid=1094) [1095](http://acm.hdu.edu.cn/showproblem.php?pid=1095) [1753](http://acm.hdu.edu.cn/showproblem.php?pid=1753) [1228](http://acm.hdu.edu.cn/showproblem.php?pid=1228) [1106](http://acm.hdu.edu.cn/showproblem.php?pid=1106)