**A + B Again**

**Time Limit: 1000/1000 MS (Java/Others)    Memory Limit: 32768/32768 K (Java/Others)  
Total Submission(s): 17287    Accepted Submission(s): 7435**

**Problem Description**

There must be many A + B problems in our HDOJ , now a new one is coming.  
Give you two hexadecimal integers , your task is to calculate the sum of them,and print it in hexadecimal too.  
Easy ? AC it !

**Input**

The input contains several test cases, please process to the end of the file.  
Each case consists of two hexadecimal integers A and B in a line seperated by a blank.  
The length of A and B is less than 15.

**Output**

For each test case,print the sum of A and B in hexadecimal in one line.

**Sample Input**

+A -A

+1A 12

1A -9

-1A -12

1A -AA

**Sample Output**

0

2C

11

-2C

-90

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**Source**

[校庆杯Warm Up](http://acm.hdu.edu.cn/search.php?field=problem&key=%D0%A3%C7%EC%B1%ADWarm+Up&source=1&searchmode=source)

**Recommend**

linle   |   We have carefully selected several similar problems for you:  [2065](http://acm.hdu.edu.cn/showproblem.php?pid=2065) [1228](http://acm.hdu.edu.cn/showproblem.php?pid=1228) [1212](http://acm.hdu.edu.cn/showproblem.php?pid=1212) [1230](http://acm.hdu.edu.cn/showproblem.php?pid=1230) [1867](http://acm.hdu.edu.cn/showproblem.php?pid=1867)