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

#include<iostream>

#include<stdio.h>

using namespace std;

int main()

{

// freopen("input.txt","r",stdin);

\_\_int64 a,b;

while(scanf("%I64X %I64X",&a,&b)!=EOF)

{

a+=b;

if(a>0) printf("%I64X\n",a);

else printf("-%I64X\n",-a);// %I64X，不能输出负数，所以负数的输出要做处理。

}

}

这里要注意的是输入小于15位，结果超过了二进制中的32位而小于64位。所以这里用\_\_int64的类型。输入输入出格式就是（%I64x,%I64X）。由于%I64X，不能输出负数，所以负数的输出要做处理。

十六进制输出 也就是printf("%x",b);