

R2

Problem ID: r2**CPU Time limit:** 1 second**Memory limit:** 1024 MB**Difficulty:** 1.3

The number S is called the mean of two numbers R_1 and R_2 if S is equal to $(R_1 + R_2)/2$. Mirko's birthday present for Slavko was two integers R_1 and R_2 . Slavko promptly calculated their mean which also happened to be an integer but then lost R_2 ! Help Slavko restore R_2 .

Input

The first and only line of input contains two integers R_1 and S , both between $-1\,000$ and $1\,000$.

Output

Output R_2 on a single line.

Sample Input 1

11 15

Sample Output 1

19

Sample Input 2

4 3

Sample Output 2

2

Source: Croatian Open Competition in Informatics 2006/2007, contest #2

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