

# R2

**Problem ID:** r2

**CPU Time limit:** 1 second

**Memory limit:** 1024 MB

**Difficulty:** 1.2

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  $R_2$ .

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

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## 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