

## Problem H. R2

**Time Limit** 1000 ms

**Mem Limit** 1048576 kB

**OS** Linux

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 1

Input	Output
11 15	19

### Sample 2

Input	Output
4 3	2