

# Project 1

CMPT220L

Due on Feb 25, 2022 by 11:59 PM

Points: 100

## Problem Description

The number  $T$  is called the mean of two numbers  $S_1$  and  $S_2$  if  $T$  is equal to  $(S_1 + S_2)/2$ . Mike's birthday present for Steven was two integers  $S_1$  and  $S_2$ . Steven promptly calculated their mean which also happened to be an integer but then lost  $S_2$ ! Help Steven restore  $S_2$ .

## Input

The first and only line of input contains two integers  $S_1$  and  $T$ , both between -1000 and 1000.

## Output

Output  $S_2$  on a single line.

Sample Input 1	Sample Output 1
11 13	19

Sample Input 2	Sample Output 2
4 3	2

## Submission

Submit the following items:

1. Compile, test, and submit your Java program to GitHub (you must submit the program regardless whether it's complete or incomplete, correct or incorrect)

Place your `Problem1.java` file under the corresponding folder in your local copy of the GitHub repository, commit and push it to the remote repository. Make sure that the professor has access to the repository (jfac65-marist).

```
cmpt220lastname\  
  prj\  
    1\  
      Project1.pdf  
      Project1.java
```