TCCC October '24 P1 - Scaling Up

Time Limit: 1.0s   **Memory Limit:** 64M

While grocery shopping, you weighed a bag of apples. However, the scale at the store is faulty, and always reads a certain amount M below what it should be. In addition, it measures in grams, but you need a measurement in kilograms. Can you find an accurate weight for your apples?

Input Specification

The first line of input will be an integer N $(1 \leq N \leq 10^9)$, representing the grocery store's scale measurement in grams.
The second line of input will be an integer M $(-N \leq M \leq 10^9)$, representing the store scale's amount of error.

Output Specification

An integer representing the actual mass of the apples in kilograms **(rounded down)**.

Sample Input

```
1600
426
```

Sample Output

```
2
```