Day 2: Arithmetic!

Problem Statement

Welcome to Day 2! Check out the video tutorial here, or just jump right into the problem.

Practice how to do arithmetic with code in this challenge! If given the $meal$ $price$, tip $percentage$, and tax $percentage$, we can find the $total$ $price$ of a meal in Java.

In many of these challenges, you will need to read input from stdin (standard input) and write your output in stdout (standard output). One way to take input from stdin is to use the $Scanner$ class and read in from $System.in$. In other words, Java's Scanner class allows us to get information from the user/outside world by reading in from System.in. In the future, you will implement this code.

In this problem, we use the scanner to get the original price of the meal, tip percentage, and tax percentage.

Good luck!

Input Format

Three numbers, (M, T, and X), each on seperate lines:

M will be a double representing the $original$ $price$ of the meal.

T will be a integer representing the precentage that the customer wants to tip based off of the original price of the meal.

X will be an integer representing the tax percentage that the customer has to pay based off of the original price of the meal.

Output Format

A string stating...

```
The final price of the meal is $--.--
```

with the appropriate numbers substituted for each dash and write out as many decimal places as given in the computation.

Sample Input

```
12
20
8
```

Sample Output

```
The final total of the meal is $15.36
```