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Currency converter

10 points

Introduction

You have to write a simple program that helps convert between currencies, using Euros as the main currency.

Input

The first part of the input will be the number of different currencies the program will be able to use, followed by their conversion rate to EUR (which will be used as the base currency). Each of the rates that come afterwards will be expressed of the amount of the currency 1 Euro is equivalent to. Afterwards, the list of conversion requests, always expressed as the amount of the original currency followed by the word 'in' and the target currency. A dot will indicate the end of the input.

In the example, 4 currencies are provided and their equivalence is:

- 1 Euro = 1.13 US Dollars
- 1 Euro = 0.74 Pound Sterling (UK)
- 1 Euro = 1.05 Francs (Switzerland)
- 1 Euro = 7.08 Yen (Chinese)

```
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1.13 USD
0.74 GBP
1.05 CHF
7.08 CNY
5.00 USD in CHF
2.50 GBP in CNY
2.00 USD in EUR
.
```

Output

The program must output the currency conversions

```
5.00 USD = 4.65 CHF
2.50 GBP = 23.92 CNY
2.00 USD = 1.77 EUR
```