

GFSSOC '15 Winter J2 - Purchasing Presents

Time limit: 2.0s **Memory limit:** 16M

Fardin is planning to buy presents for all his teachers. However, he only has C dollars! Given N number of presents Fardin wants to buy, output how much money he will have left. If he is unable to buy all the presents, output `Fardin's broke`.

Input Specification

Line 1: N ($1 \leq N \leq 500$)

Line 2: C ($0.00 \leq C \leq 250\,000.00$)

The next N lines each contain the price of a present. All prices will be given to two decimal places.

Output Specification

If Fardin cannot buy all the presents, output the string `Fardin's broke`. Otherwise, output to 2 decimal places how much money Fardin has left.

Sample Input 1

```
4
20.00
2.45
6.54
3.19
1.44
```

Sample Output 1

```
6.38
```

Sample Input 2

2
5.00
3.14
2.71

Sample Output 2

Fardin's broke