WOSS Dual Olympiad 2022 J1: Holiday Gifting

Time limit: 2.0s   **Memory limit:** 256M

It is Christmas time, and you are buying gifts for your friends! While planning, you have shortlisted the following gifts: A candy canes at $1 each, B coffee mugs at $4 each, and C ugly sweaters at $7 each. However, being a high school student, you have a budget to keep in mind. You can spend at most N dollars.

You now need to check whether or not your planned gifts fall within your budget.

Constraints

$0 \le N \le 500$

$0 \le A, B, C \le 50$

Input Specification

The first line consists of a single integer, N, representing the maximum amount you can spend.

The second line consists of three space-separated integers, A, B, and C, representing the number of purchased candy canes, coffee mugs and ugly sweaters, respectively.

Output Specification

If your buying plan is within the budget, output `Time to go shopping!`.

If you cannot afford all the gifts, output `You cannot afford them all.`.

Sample Input 1

```
45
3 5 2
```

Sample Output 1

```
Time to go shopping!
```

Explanation of Sample 1

In this case, you purchased 3 candy canes, 5 coffee mugs and 2 ugly sweaters. Hence, the total cost of the gifts is $37, which is within your budget of $45.

Sample Input 2

```
33
6 2 5
```

Sample Output 2

```
You cannot afford them all.
```

Explanation of Sample 2

In this case, you purchased 6 candy canes, 2 coffee mugs and 5 ugly sweaters. Hence, the total cost of the gifts is $49, which is above your budget of $33.