3 The stocktaking
3 points

Introduction

We are running a store and have hired some people to sort the products depending on the boxes that are available. Each person writes down the quantity of products, boxes and how much is remaining, and we need to be sure that these numbers are correct.

All the boxes have the same capacity, and all the boxes are filled up to this capacity.

Input

- First line the quantity of products, greater than 0.

- Second line the quantity of boxes, greater than 0.

- Third line the quantity of what was left.

Output

The output will indicate either "CORRECT" (with the capacity of each box) or "INCORRECT."

Example 1

Input

```
4528
4
0
```

Output

```
CORRECT, the capacity of each box is 1132
```

Example 2

Input

```
1233
7
0
```

Output

```
INCORRECT
```