CPC '19 Contest 1 P0 - Shoes

Time limit: 1.0s   **Memory limit:** 64M

Eric has a lot of shoes, way too many shoes.

On the floor, there are 4 shoes, labelled from 1 to 4. Each of them are either for his left foot or for his right foot, and he wants to pair up **each** left shoe with a right shoe.

As there is more than one possible answer, you may output any of them. Furthermore, the input is guaranteed to have at least one valid solution.

Constraints

c_i, representing if the shoe is left or right, will always be equal to L or R . The amount of L and R will always be the same.

Input Specification

The first and only line of input will contain 4 space-separated characters, c_i, where i represents the index of the ith shoe.

Output Specification

You are to output 2 pairs of integers (i, j), each on a separate line. Each pair represents a pair of shoes made between shoe i and shoe j.

The pairs can be printed in any order, and the numbers within each pair can be printed in any order.

Sample Input

```
L R L R
```

Sample Output

```
1 2
3 4
```

Sample Explanation

We can pair up the first 2 shoes, and the last 2 shoes in order to make pairs. Another valid solution is to pair up the first and last shoe, and then the 2nd and 3rd shoe.