# CCCHK '15 J1 - Rock-paper-scissors

**Time limit:** 1.0s **Memory limit:** 256M

Alice and Bob are playing rock-paper-scissors game. The game rules are simple: rock crushes scissors; paper covers rock; and scissors cut paper. If both players throw the same shape, the game is tied. Your task is to determine the number of games won by Alice and Bob, respectively.

## Input Specification

- The first line contains one integer $N$ $(1 \leq N \leq 100)$ that represents the number of games.
- The second line is Alice's shape sequence. The shape sequence contains $N$ shapes and they are separated by a space. The $i$th shape in the sequence represents the shape thrown by Alice in the $i$th game. There are only three shape values: `rock`, `paper`, and `scissors`.
- The third line is Bob's shape sequence.

## Output Specification

Two integers separated by a space, representing the number of games won by Alice and the number of games won by Bob.

## Sample Input 1

```
3
rock rock scissors
paper rock rock
```

## Output for Sample Input 1

```
0 2
```

## Sample Input 2

```
4
paper rock rock scissors
rock scissors rock rock
```

## Output for Sample Input 2

```
2 1
```