Problem F: Rock, Paper, Scissors

Source file: `rps.{c, cpp, java}`
Input file: `rps.in`

Rock, Paper, Scissors is a classic hand game for two people. Each participant holds out either a fist (rock), open hand (paper), or two-finger V (scissors). If both players show the same gesture, they try again. They continue until there are two different gestures. The winner is then determined according to the table below:

Rock	beats	Scissors
Paper	beats	Rock
Scissors	beats	Paper

Your task is to take a list of symbols representing the gestures of two players and determine how many games each player wins.

In the following example:

```
Turn     : 1 2 3 4 5
Player 1 : R R S R S
Player 2 : S R S P S
```

Player 1 wins at Turn 1 (Rock beats Scissors), Player 2 wins at Turn 4 (Paper beats Rock), and all the other turns are ties.

Input: The input contains between 1 and 20 pairs of lines, the first for Player 1 and the second for Player 2. Both player lines contain the same number of symbols from the set {`'R'`, `'P'`, `'S'`}. The number of symbols per line is between 1 and 75, inclusive. A pair of lines each containing the single character `'E'` signifies the end of the input.

Output: For each pair of input lines, output a pair of output lines as shown in the sample output, indicating the number of games won by each player.

Example Input:	**Example Output:**

`RRSRS`
`SRSPS`
`PPP`
`SSS`
`SPPSRR`
`PSPSRS`
`E`
`E`
	`P1: 1`
	`P2: 1`
	`P1: 0`
	`P2: 3`
	`P1: 2`
	`P2: 1`

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