



[Home](#) · [Info](#) · [Challenges](#) · [Past editions](#) · [Ranking](#)

Challenge 4 - Hadouken!

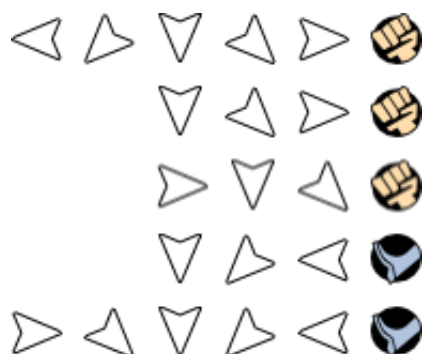
[« Prev](#) [Next »](#)

Ryu is training for the upcoming Street Fighter tournament using the following moves and combos:

Moves

R		L	
RU		LU	
RD		LD	
D		K	
U		P	

Combos



Assuming Ryu can't finish two combos at the same time, can you count the number of times Ryu does not perform a combo because the last move is missing?

Input

In the first line, an integer N that represents the numbers of training sessions that Ryu performs. The following N lines indicate the moves Ryu performs in each training session with K length.

Output

For each training session, the output is the string "Case #t:" followed by the string with the answer.

Limits

- $1 \leq K \leq 200000$

Sample Input

```
7
D-D-U
R-D-RD-L-D-LD-L-K
L-LD-D-RD-R-K
R-D-RD
R-D-RD-R
D-LD-L-LD-D-RD-R-P
R-D-RD-R-D-RD
```

Sample Output

```
Case #1: 0
Case #2: 1
Case #3: 1
Case #4: 1
Case #5: 2
Case #6: 1
Case #7: 3
```

Test your code

You can test your program against both the input provided in the test phase and the input provided in the submit phase. A nice output will tell you if your program got the right solution or not. You can try as many times as you want to. Be careful with extra whitespaces, the output should be exactly as described.

Test your program against the input provided in the test phase

[Download test input](#)

Program output:

Ningún archivo seleccionado

Test your program against the input provided in the submit phase

[Download input](#)

Program output:

Ningún archivo seleccionado

During the submit phase, in some problems, we might give your program harder inputs. As with the test token, a nice output will tell you if your program got the right solution or not. You can try as many times as you need.

In the actual contest you first need to solve the test phase before submitting the code, you must provide the source code used to solve the challenge and you can only submit once (once your solution is submitted you won't be able to amend it to fix issues or make it faster).

If you have any doubts, please check the [info section](#).

[« Prev](#) [Next »](#)

Tweet about this! [#TuentiChallenge6](#)

[Follow @TuentiEng](#)