

## Reverse Words

This problem came from a Google Code Jam project that was made available online in 2010. Feel free to use the language you feel most comfortable in, but Go is our preferred language if you are able to use it. Ruby and Javascript are also good alternatives for us.

### Problem

Given a list of space separated words, reverse the order of the words. Each line of text contains  $L$  letters and  $W$  words. A line will only consist of letters and space characters. There will be exactly one space character between each pair of consecutive words.

### Input

The first line of input gives the number of cases,  $N$ .

$N$  test cases follow. For each test case there will a line of letters and space characters indicating a list of space separated words. Spaces will not appear at the start or end of a line.

### Output

For each test case, output one line containing "Case # $x$ : " followed by the list of words in reverse order.

### Limits

Small dataset

$N = 5$

$1 \leq L \leq 25$

Large dataset

$N = 100$

$1 \leq L \leq 1000$

## Sample

<u>Input</u>	<u>Output</u>
3 this is a test foobar all your base	Case #1: test a is this Case #2: foobar Case #3: base your all