

eltit a si sihT

Given a string S which consists of lowercase letters from 'a' to 'z' and spaces, can you output the string again but in reverse order?

Note: please use function and recursion to solve this problem.

Format Input

The first line of the input contains T, which is the number of testcases. Each testcase consists of a single line consisting of string S.

Format Output

For each testcase, output one line containing "Case #X:" (without quotes) where X is the testcase number (starting from 1) and then followed by the string S in reverse order.

Constraints

- $1 \le T \le 100$
- $1 \le |S| \le 1000$ (|S| means the length of string S)
- S only consists of lowercase letters from 'a' to 'z' and spaces

Sample Input (standard input)

3
trouble in town
when i need a friend
champion of the world

Sample Output (standard output)

Case #1: nwot ni elbuort
Case #2: dneirf a deen i nehw
Case #3: dlrow eht fo noipmahc

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Diberikan suatu string S yang terdiri dari huruf kecil dari 'a' sampai 'z' serta spasi, dapatkah kamu menampilkan stringnya kembali tetapi dalam urutan yang terbalik?

Catatan: tolong gunakan fungsi dan rekursi untuk menyelesaikan soal ini.

Format Input

Baris pertama dari input adalah T, yaitu jumlah testcase. Setiap testcase terdiri dari sebuah baris yang berisi string S.

Format Output

Untuk setiap testcase, tampilkan satu baris yang berisi "Case #X: " (tanpa kutip) dimana X adalah nomor testcase (dimulai dari 1) kemudian diikuti oleh string S dalam urutan terbalik.

Constraints

- $1 \le T \le 100$
- $1 \le |S| \le 1000$ (|S| berarti panjang dari string S)
- S hanya terdiri dari huruf kecil dari 'a' sampai 'z' serta spasi

Sample Input (standard input)

3
trouble in town
when i need a friend
champion of the world

Sample Output (standard output)

Case #1: nwot ni elbuort
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