UWCS Challenge

A friendlier programming competition

Introduction

Welcome to the Term 1 edition of UWCS Challenge - our internal progcomp! There will be pizza. There will be prizes! There will be problems. Inside this document, you'll find the specification for each of the 5 problems, and instructions on how you can submit.

The **first three problems** will be released at the same time, with the remaining releases staggered throughout the evening. The problem number roughly correlates with the level of difficulty. Good luck, and have fun!

$$\texttt{https://progcomp.uwcs.co.uk}$$

Contents

⓪ Reverse

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This sample problem is about reversing strings. It does not count towards your score.

Input

The first line of the input contains an integer n - the number of test cases.
The next n input lines are strings $(s_1, s_2, \ldots, s_n)$ of only lowercase characters.

Constraints

$$1 \le n \le 10^2 \qquad \forall i \in \{1, \ldots, n\}, \quad 1 \le |s_i| \le 10^2$$

Output

n lines, with line i being the characters of the string s_i in reverse order.

Example

Input	Output
3 hello goodbye helloagain	olleh eybdoog niagaolleh