

# A. Hello, World?

Author: Syafiq

“Hello, World!” is commonly used example to express how does the language work, the syntax behind it and also demonstrate the I/O capability that build in the languages itself. How about we write a code to print the “Hello, World!” string?

Oh.... there is a catch, everytime you encounter string “Hello”, reverse it and put exclamation mark on the next word. Easy right?

## Input

First line will be an integer ‘*n*’, which represent the number of cases, followed by ‘*n*’ number of strings. Length of the string will be  $5 \leq \text{length}(s) \leq 100$ .

## Output

The ‘*n*’ string of transformed string, as shown in the example input.

## Sample Input/Output

Input	Output
3	
Hello World hello World	olleH World! hello World
Morning everyone! Have you say Hello, World?	Morning everyone! Have you say olleH, World!?