

# DOMjudge sample problem

## jumble – ‘Jumbling words’



### Problem description

This is a multipass-problem. In a multipass problem your submission runs multiple times for the same testcase. For this specific problem you need to encrypt/jumble the given string. The goal is to pass/circumvent our validator. Your output should;

- be alphanumeric,
- be lowercase,
- not contain the input string.

In the next pass your submission starts again with the output of the earlier pass as input. This way the runtime memory of your first pass is reset. In this pass your code must show that you can recover the original word.

### Sample input/output

You are given a single line with either *jumble* or *unjumble* followed by the string with the word *W*. You should encrypt in case of *jumble* and decrypt in the case of *unjumble*. Below is an example interaction. There are other solutions available.

Input	Output
jumble spoon	noops
unjumble noops	spoon