Bookcase
Input File: bookcase.txt

In *Bookcase*, a student has been assigned to organize a row of books. The books are to be arranged alphabetically, but they are currently all scrambled. You must check the book titles and organize them alphabetically. A "space" counts as the earliest character, so "This Test" should be arranged before "ThisTest".

Input:

The first line contains an integer N. There are N following books, each book being denoted by its title. No two books will have the same title. None of the book titles will contain an int (like 1984).

Output:

You must output the new arrangement of the books in alphabetical order. Each book should be on a new line.

Example Input:

```
7
The Hunger Games
Ready Player One
Animal Farm
A Short History of Nearly Everything
Dracula
A Thousand Splendid Suns
Dune
```

Example Output:

```
A Short History of Nearly Everything
A Thousand Splendid Suns
Animal Farm
Dracula
Dune
Ready Player One
The Hunger Games
```