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The Virtual Learning Environment for Computer Programming

## Control C501B

Your task is to write a program that reads a sequence of words and prints them in alphabetical order.

## Input

The input starts with a natural number $n$ and continues with the $n$ words that your program must sort. All the words are formed exclusively by lowercase letters.

## Output

The output is a line with the $n$ words of the input in alphabetical order, separated by a comma.

## Observation

You must use the algorithm selection sort to solve this problem. Any other method will be qualified with a zero.

## Sample input 1

```
3 \text { helen george john}
```

```
3 \text { helen george john}
```

```
3 \text { helen george john}
```

```
3 \text { helen george john}
```

```
Sample input 2
1 1
a bird in the hand is
worth two in the bush
```


## Sample input 3

```
7 a az b b bz z za
```


## Sample input 4

0

## Sample input 5

1 hello

## Sample output 1

george, helen, john

## Sample output 2

a,bird, bush, hand, in, in, is, the, the, two, worth

## Sample output 3 <br> $a, a z, b, b, b z, z, z a$

## Sample output 4

Sample output 5
hello

## Problem information

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