Write a program that, given \( n \) different words \( s_1, \ldots, s_n \), prints all the permutations that can be made up with the words.

**Input**

Input consists of a number \( n > 0 \), followed by \( s_1, \ldots, s_n \).

**Output**

Print all the permutations that can be made up with \( s_1, \ldots, s_n \).

**Information about the checker**

You can print the solutions to this exercise in any order.

**Sample input**

```
3
hola adeu hi
```

**Sample output**

```
(hola, adeu, hi)
(hola, hi, adeu)
(adeu, hola, hi)
(adeu, hi, hola)
(hi, hola, adeu)
(hi, adeu, hola)
```