Subsets (1)

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

**Information about the checker**

You can print in any order both the solutions and the elements inside each solution.

**Sample input**

```
3
hola adeu hi
```

**Sample output**

```
{
}
{hi}
{adeu}
{adeu,hi}
{hola}
{hola,hi}
{hola,adeu}
{hola,adeu,hi}
```