**Flatten Lists**

Write a program to flatten **several lists** of numbers, received in the following format:

* String with numbers separated by '|'.
* Values are separated by spaces (' ', one or several)
* Order the output list from the **last** to the **first received**, and their values from **left** to **right** as shown below.

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| 1 2 3 |4 5 6 | 7 8 | 7 8 4 5 6 1 2 3 |
| 7 | 4 5|1 0| 2 5 |3 | 3 2 5 1 0 4 5 7 |
| 1| 4 5 6 7 | 8 9 | 8 9 4 5 6 7 1 |