Write a program that reads a sequence of lists of numbers, and prints each list sorted in decreasing order.

**Input**

Input consists of a sequence of lists of numbers, each one composed of a natural \( n \) followed by \( n \) integer numbers.

**Output**

Your program must print each line sorted in decreasing order, with the numbers separated by a space.

**Observation**

Use the procedure `sort()` from the library `<algorithm>`.

<table>
<thead>
<tr>
<th>Sample input</th>
<th>Sample output</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 1 -2 3 -4 5 -6 7 -8</td>
<td>7 5 3 1 -2 -4 -6 -8</td>
</tr>
<tr>
<td>4 0 1 1 0</td>
<td>1 1 0 0</td>
</tr>
</tbody>
</table>

**Problem information**

Author: Salvador Roura  
Translator: Carlos Molina  
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