



1042

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BEGINNER

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URI Online Judge | 1042

Simple Sort

Adapted by Neilor Tonin, URI Brazil

Timelimit: 1

Read three integers and sort them in ascending order. After, print these values in ascending order, a blank line and then the values in the sequence as they were read.

Input

The input contains three integer numbers.

Output

Present the output as requested above.

| Input Sample | Output Sample |
|--------------|--------------------------------------|
| 7 21 -14 | -14 7 21 7 21 -14 |
| -14 21 7 | -14 7 21 -14 21 7 |