

Simple Sort

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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 readed.

Input

The input contains three integer numbers.

Output

Present the output as requested above.

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

	-14
	21
	7