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Write a program that reads two numbers x and y, and prints all numbers between x and y (or between y and x), in decreasing order.

Input

Input consists of two integer numbers x and y.

Output

Print all integer numbers between x and y (or between y and x), in decreasing order.

Sample input 1	Sample output 1
3 7	7 6 5 4 3

Sample input 2	Sample output 2
5 -3	5 4 3 2 1 0 -1 -2 -3

Sample input 3	Sample output 3
-7 -7	-7

Problem information

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