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P59875_en

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

3 7

Sample output 1

7
6
5
4
3

Sample input 2

5 -3

Sample output 2

5
4
3
2
1
0
-1
-2
-3

Sample input 3

-7 -7

Sample output 3

-7

Problem information

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