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P59875\_en

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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

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

Author : Salvador Roura

Translator : Carlos Molina

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