

Smallest Difference



Given two arrays of integers, compute the smallest (non-negative) difference between a pair of values (one value in each array).

Example

Input: -6,2,3,22,5;7,-7,11,0,255,-13

Output: 1

Explanation: the smallest difference between a number from the first array and from the second one is between -6 and -7 and is a difference of 1

The values of the elements in the array are between -200 000 and 200 000