KIET_Find duplicates in an array



Given an array a[] of size N which contains elements from 0 to N-1, you need to find all the elements occurring more than once in the given array. Note: If no duplicate element found in whole array print -1.

Input Format

First line consists size of array. Second line consists the elements in an array.

Constraints

 $1 \le N \le 105 \ 0 \le A[i] \le N-1$, for each valid i

Output Format

Output contains the elements which occurring more than once in the given array.

Sample Input 0

6 2 3 5 3 2 1

Sample Output 0

2 3