**Maximum Product**

Playing with arrays has become a hobby for Arun. This time Arun wants to find the greatest number in the array such that it is the product of any two numbers in the array.  
Write a program to help Arun to the do the task. If no such number exists, then print -1.  
[**Note:** The two number that are used to find the product can be the number itself.  For example, if the array elements are [1,2,3] , then 1\*3 = 3 will be the solution for this array.]  
  
**Input Format :**  
First input is an integer value that denotes the size of the array.  
Second input is a series of integers separated by space that denotes the array values.  
  
**Output Format :**  
Output is an  integer that denotes the maximum product.  
  
**Sample Input 1:**  
5  
35 30 7 6 5  
**Sample Output 1:**  
35  
  
**Sample Input 2:**  
5  
2 4 6 89 78  
**Sample Output 2:**  
-1