

Problem

Result

Code : Pair Sum to 0

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Given a random integer array A of size N. Find and print the pair of elements in the array which sum to 0.

Array A can contain duplicate elements.

While printing a pair, print the smaller element first.

That is, if a valid pair is (6, -6) print "-6 6". There is no constraint that out of 5 pairs which have to be printed in 1st line. You can print pairs in any order, just be careful about the order of elements in a pair.

Input format :

Line 1 : Integer N (Array size)

Line 2 : Array elements (separated by space)

Output format :

Line 1 : Pair 1 elements (separated by space)

Line 2 : Pair 2 elements (separated by space)

Line 3 : and so on

Constraints :

0 <= N <= 10^4

Sample Input:

5  
2 1 -2 2 3

Sample Output :

-2 2  
-2 2

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