

Pair Sum In Array

Given a random integer array A and a number x. Find and print the pair of elements in the array which sum to x.

Array A can contain duplicate elements.

While printing a pair, print the smaller element first.

That is, if a valid pair is (6, 5) print "5 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)

Line 3 : Integer x

Output Format:

Line 1 : Pair 1 elements (separated by space)

Line 2 : Pair 2 elements (separated by space)

Line 3 : and so on

Sample Input

```
9
1 3 6 2 5 4 3 2 4
7
```

Sample Output

```
1 6
3 4
3 4
2 5
2 5
3 4
3 4
```