**A - Cards**

**Time Limit:**1000MS     **Memory Limit:**262144KB     **64bit IO Format:**%I64d & %I64u

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**Description**

There are *n* cards (*n* is even) in the deck. Each card has a positive integer written on it. *n* / 2 people will play new card game. At the beginning of the game each player gets two cards, each card is given to exactly one player.

Find the way to distribute cards such that the sum of values written of the cards will be equal for each player. It is guaranteed that it is always possible.

**Input**

The first line of the input contains integer *n* (2 ≤ *n* ≤ 100) — the number of cards in the deck. It is guaranteed that *n* is even.

The second line contains the sequence of *n* positive integers *a*1, *a*2, ..., *an* (1 ≤ *ai* ≤ 100), where *ai* is equal to the number written on the *i*-th card.

**Output**

Print *n* / 2 pairs of integers, the *i*-th pair denote the cards that should be given to the *i*-th player. Each card should be given to exactly one player. Cards are numbered in the order they appear in the input.

It is guaranteed that solution exists. If there are several correct answers, you are allowed to print any of them.

**Sample Input**

**Input**

6  
1 5 7 4 4 3

**Output**

1 3  
6 2  
4 5

**Input**

4  
10 10 10 10

**Output**

1 2  
3 4

**Hint**

In the first sample, cards are distributed in such a way that each player has the sum of numbers written on his cards equal to 8.

In the second sample, all values *ai* are equal. Thus, any distribution is acceptable.

**描述**

有*N*卡*N*是即使在甲板上）。每一张卡片上写了一个正整数。*N* / 2人会玩新的游戏卡。在比赛开始时，每个玩家得到两张，每一张卡片是给一个球员。

找到分配卡这样的卡片值总和将等于每个球员的方式。这是保证它始终是可能的。

**输入**

输入的第一行包含整数*N*（2 ≤ *N* ≤ 100) — the number of cards in the deck. It is guaranteed that *N*甚至。

第二行包含序列*N*正整数*一*一， *一*二， ， …*一N*（1 ≤ *一I* ≤ 100），在*一I*等于号写在*I*次卡。

**输出**

打印*N* / 2对整数的*I*TH对表示应该给卡*I*次的球员。每个卡应该给一个球员。卡是他们出现在输入订单编号。

这是保证解的存在性。如果有几个正确的答案，你可以打印任何人。

**样本输入**

输入

六  
1 5 7 4 4 3

输出

1 3  
6 2  
4 5

输入

四  
10 10 10 10

输出

1 2  
3 4

**提示**

在第一个示例中，卡都分布在这样一种方式，每个球员都写在他的卡等于数的总和八。

第二样，所有的值*一I*都是平等的。因此，任何的分布是可以接受的。