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Description

First and Last Pair

Program Description

Given an array, find pairs of elements such that 1st element pair with the last element, 2nd element pair with last but one, ...
Note: if no pair is formed then pair that element with 0.

Input Format

First-line contains an integer 'N' which indicates the length of the Array
The next line contains 'N' array elements

Output Format

Display pairs of elements.

Input-1

8

8 7 6 5 4 3 2 1

Output-1

8 1 7 2 6 3 5 4

Input-2

7

1 2 3 4 5 6 7

C - GCC 11.1.0 ▾   ⏱ Timer   0:09 sec   🌙 ↻ ⌐⌐

```c
1   #include<stdio.h>
2   int main()
3   {
4       int n;
5       scanf("%d",&n);
6       int arr[100];
7       for (int i=0;i<n;i++)
8       {
9           scanf("%d",&arr[i]);
10      }
11      int i=0,j=n-1;
12      while (i<=j)
13      {
14          if (i==j)
15          {
16              printf("%d 0",arr[i]);
17          } else {
18              printf("%d %d",arr[i],arr[j]);
19          }
20          if (i<j- 1) {
```

```
21            printf(" ");
22        }
23        i++;
24        j--;
25    }
26    return 0;
27 }
```

</> Run Code

Compiler Response

#	Testcase	Input	Expected Output	Your Output	Memory	CPU time	Result
1	8 1 3 5 7 8 6 4 2	8 1 3 5 7 8 6 4 2	1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8	1408 KB	3.538 ms	Pass
2	1 7	1 7	7 0	7 0	1408 KB	2.640 ms	Pass

All hidden testcases passed

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