Write first-last and so on elements   X85811_en

Given a sequence of integers $x_0, \ldots, x_{n-1}$, write again these n elements to the output in the following order: $x_0, x_{n-1}, x_1, x_{n-2}, x_2, x_{n-3}, \ldots$.
Exam score: 2.5 **Automatic part:** 100%

Input

The input has several cases, each one described in a diferent line. Each case starts with a natural number $n \geq 1$ followed by n integers $x_0, \ldots, x_{n-1}$.

Output

Write the corresponding answer for each case in a different line, separating the elements of each sequence with blank spaces.

Sample input

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

Sample output

```
1 5 2 4 3
-3 -5 3 -5 -4 4
```

Problem information

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