
Write first-last and so on elements

X85811_en

Given a sequence of integers $x_0, \dots, x_{n-1}$, write again these n elements to the output in the following order: $x_0, x_{n-1}, x_1, x_{n-2}, x_2, x_{n-3}, \dots$

Exam score: 2.5 **Automatic part:** 100%

Input

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

Output

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

Sample input 1

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

Sample output 1

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

Problem information

Author: Professorat de PRO1

Generation: 2026-01-25T22:44:53.952Z

© Jutge.org, 2006–2026.

<https://jutge.org>