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Arrays- DS

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Problem

Submissions

Leaderboard

Discussions

An array is a series of elements of the same type placed in contiguous memory locations that can be individually referenced by adding an index to a unique identifier.

You'll be given an array of N integers, and you have to print the integers in reverse order.

Note: If you have already solved the problem "Arrays Introduction" in the Introduction chapter of the C++ domain, you may skip this challenge.

Input Format

The first line of input contains N , the number of integers. The next line contains N integers separated by a space.

Constraints

$$1 \leq N \leq 1000$$

$$1 \leq A_i \leq 10000, \text{ where } A_i \text{ is the } i^{\text{th}} \text{ integer in the array.}$$

Output Format

Print the N integers of the array in the reverse order on a single line separated by single spaces.

Sample Input

```
4
1 4 3 2
```

Sample Output

```
2 3 4 1
```

Submissions: 16296

Max Score: 10

Difficulty: Easy

[More](#)

C++



```
1 #include <map>
2 #include <set>
3 #include <list>
```

```
4  #include <cmath>
5  #include <ctime>
6  #include <deque>
7  #include <queue>
8  #include <stack>
9  #include <string>
10 #include <bitset>
11 #include <cstdio>
12 #include <limits>
13 #include <vector>
14 #include <climits>
15 #include <cstring>
16 #include <cstdlib>
17 #include <fstream>
18 #include <numeric>
19 #include <sstream>
20 #include <iostream>
21 #include <algorithm>
22 #include <unordered_map>
23
24 using namespace std;
25
26
27 int main(){
28     int n;
29     cin >> n;
30     vector<int> arr(n);
31     for(int arr_i = 0;arr_i < n;arr_i++){
32         cin >> arr[arr_i];
33     }
34     return 0;
35 }
36
```

Line: 1 Col: 1

 Upload Code as File☐ Test against custom input

Run Code

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