HackerRank

Array Reversal

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Given an array, of size n, reverse it.

Example: If array, $arr = [1, 2, 3, 4, 5]$, after reversing it, the array should be, $arr = [5, 4, 3, 2, 1]$.

Input Format

The first line contains an integer, n, denoting the size of the array. The next line contains n space-separated integers denoting the elements of the array.

Constraints

$1 \leq n \leq 1000$

$1 \leq arr_i \leq 1000$, where arr_i is the i^{th} element of the array.

Output Format

The output is handled by the code given in the editor, which would print the array.

Sample Input 0

```
6
16 13 7 2 1 12
```

Sample Output 0

```
12 1 2 7 13 16
```

Explanation 0

Given array, $arr = [16, 13, 7, 2, 1, 12]$. After reversing the array, $arr = [12, 1, 2, 7, 13, 16]$

Sample Input 1

```
7
1 13 15 20 12 13 2
```

Sample Output 1

```
2 13 12 20 15 13 1
```

Sample Input 2

```
8
15 5 16 15 17 11 5 11
```

Sample Output 2

11 5 11 17 15 16 5 15

Change Theme Language: C

```c
# include<stdio.h>
int main(){
    int n;
    int arr[1000];
    scanf("%d",&n);

  for (int i=0; i<n; i++) {
      scanf("%d",&arr[i]);

  }
  for (int i=n-1; i>=0; i--) {

       printf("%d ",arr[i]);
  }



    return 0;
}

```

Line: 21 Col: 1

Upload Code as File | Test against custom input | Run Code | Submit Code

Congratulations

You solved this challenge. Would you like to challenge your friends?

Next Challenge

- Test case 0
- Test case 1
- Test case 2
- Test case 3
- Test case 4
- Test case 5
- Test case 6

Compiler Message

```
Success
```

Input (stdin) Download

```
6
16 13 7 2 1 12
```

Expected Output Download

```
12 1 2 7 13 16
```