

## Practice S10P06: Reverse Array

[http://www.comp.nus.edu.sg/~cs1010/4\\_misc/practice.html](http://www.comp.nus.edu.sg/~cs1010/4_misc/practice.html)

**Week of release:** Week 10

**Objective:** Recursion, array

### Task statement:

Write a program `reverse_array.c` to read values into an integer array, and then reverse the array using recursion.

For example, if the array contains { 6, 3, 0, 6, 8, 1, 5 }, then the reversed array is { 5, 1, 8, 6, 0, 3, 6 }. You should not use any additional array. You may assume that the array contains at least 1 element and at most 15 elements.

### Sample runs:

```
Enter number of integers: 4
Enter integers: 1 2 3 4
Reversed array: 4 3 2 1
```

```
Enter number of integers: 7
Enter integers: 6 3 0 6 8 1 5
Reversed array: 5 1 8 6 0 3 6
```