Problem Set 3 Exercise #06: Reverse Array

Reference: Week 7 Lecture notes

Learning objectives: One-dimensional array; Simple algorithm design

Estimated completion time: 25 minutes

Problem statement:

Write a program **reverse_array.c** that reads an array of *n* integers ($1 \leq n \leq 20$) and reverse the values in the array. For example, {1, 2, 3, 4, 5} will become {5, 4, 3, 2, 1}.

Modular design is encouraged (check skeleton program).

Sample run #1:

```
How many values in the array? 9
Enter 9 values: 1 2 3 4 5 6 7 8 9
Reversed: 9 8 7 6 5 4 3 2 1
```

Sample run #2:

```
How many values in the array? 2
Enter 2 values: -1 1
Reversed: 1 -1
```