Stack: Last-in-first-out Data Structure

In this chapter, we are going to introduce another processing order, Last-in-First-out (LIFO), and the corresponding data structure, Stack.

After this chapter, you should:

1. Understand the definition of LIFO and Stack;
2. Be able to implement a stack using dynamic array;
3. Be familiar with the built-in stack structure;
4. Be able to use a stack to solve problems.