Introduction

In this section, we will tackle three advanced types of sequential containers which are built on std::deque.

C++ has with `std::stack`, `std::queue` and `std::priority_queue` three special sequential containers. I guess, most of you know these classic data structures from your education.

The adaptors for containers

- support a reduced interface for existing sequential containers,
- can not be used with algorithms of the Standard Template Library,
- are class templates which are parametrised by their data type and their container (`std::vector`, `std::list` and `std::deque`),
- use by default `std::deque` as the internal sequential container:

```
template <typename T, typename Container= deque<T>>
class stack;
```