

List Exercises

- Which data type is implemented by the C++ Standard Library as `std::forward_list`?
- Which data type is implemented by the C++ Standard Library as `std::list`?
- What is the main difference between these two data types?

- Explain what happens with an `std::list` instance when
 - A new element is added at the end of the list
 - An existing element is removed from the list
 - A new element is added in the middle of the list

- Write a simple program which creates a list instance, initializes it, and adds and removes some elements. After each operation, display the list elements

- Give some advantages and disadvantages of using lists compared to vector and deque