List Exercises

Double-linked List

- Which list types does the C++ standard library provide?
- What is the main difference between these two types?

Appending an Element

- Explain what happens when a new element is added at the end of an std::list

Inserting an Element

- Explain what happens when a new element is added in the middle of an std::list

Removing an Element

- Explain what happens when an existing element is removed from an std::list

List Example

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

List Pros and Cons

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