Reflection Log: StackList Program

The StackList program demonstrates a custom implementation of a stack using LinkedList in Java. The methods push, pop, peek, and isEmpty are well-defined, and the main method thoroughly tests the stack functionality. The program is organized and properly formatted, making the logic easy to follow and debug.

I engaged deeply with the task by testing multiple scenarios, such as popping elements until the stack becomes empty and verifying that appropriate messages are displayed when the stack is empty. This project helped me explore the benefits of using a LinkedList for dynamic stack implementation, as operations like addFirst and removeFirst are efficient and align with stack behavior.

Key Takeaway: This program solidified my understanding of implementing stacks and provided insights into dynamic data structures like LinkedList for stack operations.