Lab Report 02

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# Problem

This assignment asked the programmer to create a doubly linked node. Then, we had to create a bunch of different methods involving that linked list in order to make the tester work properly.

# Solution

The program solves this problem through creating a linked list that only appeals to doubles. Then, I created all the methods that the prompt asks for in order to make the tester function properly.

# Implementation Problems Encountered

I had problems with creating the doubly linked list and the contains() method. I also had trouble understanding the syntax of the linked lists.

# Lab Report Questions

1. If the reference to an object is lost and thus the object is now unreachable, what does the Java Virtual Machine (JVM) do with said object? The object gets removed.
2. What are some advantages and disadvantages of using a doubly linked list versus a singly linked list? A doubly linked list allows traversing forward and backwards directions rather than the singly linked list only being able to go in the forward direction due to the inexistence of prev.