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Reflection. Which of the two versions (Question 2 or Question 3), in your opinion, represents a more process-centered approach? Which one represents a more data-centered approach?

What additional features, in your opinion, if added to the LinkedList class might reduce the coding effort in Question 3? Justify all your claims.

SOLUTION:

The first version (Question 2) is process-centered. It focuses on defining functions (store, display, search) as static methods within the MyMain class. These methods operate directly on the LinkedList object. The main program orchestrates the sequence of operations, emphasizing the steps of the process rather than the data itself.

The second version (Question 3) is more data-centered. As it introduces the 'PersonList' class, which encapsulates the LinkedList of Person objects and provides methods for operating on the data. The 'PersonList' class hides the internal details of how the list is managed and provides a clear interface.

Justification for the claim:

Because it concentrates on the data (PersonList) and the actions related to it, the second version is more data-centered. Because it concentrates on the steps or processes (called methods in MyMain) applied to the data, the first version is more process-centered.