Project Report

Name: SpecList implementation

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Project requirements:

This project implements a list data structure which is extended from the Linked List data structure, in addition, this class includes three other methods.

1. addAllAtHead takes a collection extended from type of data of this list, and adds the list at the front of the list.
2. getIntersectList takes a list and returns a new list of common elements.
3. sortList sorts the list using cocktail sort algorism in the asked order.

Class hierarchy: interface

List

LinkedList

SpecList

AbstractSequentialList

AbstractList

