CSS 342

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HW4: Set

**Program Description:**

This program demonstrates the use of a LinkedList and Set template class. Set class uses a counter property in the node that is used for both the LinkedList and Set class to keep track of duplicates. Set publicly inherits from LinkedList and methods that do not apply to Set have been overridden.

**Program Instructions:**

No input is required for the program. The program shows the initial list created from entering a sentence and parsing the words into a linked list.

The linked list is input to a set and duplicates are added. After the duplicates have been added the method, getCount(T object) is used to display the count for “The” and then the top three poplar keys are displayed and then the full list is displayed.

**Program Output:**

