Assignment 2 – Pseudocode and List

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Pseudocode

Write a pseudocode for the following problems:

1. Calculate S = (A + B + C) / Y

2. Convert from Celsius to Fahrenheit (F = (C $\times$ 9 / 5) + 32)

3. Calculate the volume of sphere (4 / 3 $\times \pi \times r^3$)

4. Calculate average speed (average speed = distance travelled / time taken)

A Singly Linked List

Take a copy of the ListClient2.java, ListInterface.java, LinkedList.java files. Implement the class LinkedList.java. Important: Only modify this .java file. Look for the comments: //to-complete. Make sure that this list is fully tested and running with the ListClient2.java.

A Enhanced Singly Linked List

Take a copy of the ListClient3.java, ListInterface.java, EnhancedLinkedList.java files. Implement the class EnhancedLinkedList.java. Important: Only modify this .java file. Look for the comments: //to-complete. Make sure that this list is fully tested and running with the ListClient3.java.