**Lab 8**

**Implement the following for Java Nested classes**

1. Do the following using the LinkedList code given in the Nested Class Slides:
2. Create a LinkedList.
3. Create 5 Nodes with Integer objects in them. Link them to the LinkedList.
4. Give a method **int containsInteger( Integer)** which will take an Integer argument. It will search through the LinkedList and return the number of times the integer occurs in the Linked List.

(Note the distinction between Integer/int)

1. Extend the BankAccount class to create a BankAccountMonitored class:
   1. This will have an Action class (defined in slides).
   2. This will also maintain a Linked List of Actions in every object.
   3. Create objects of BankAccountMonitored class and do transactions.
   4. Give methods which will output
      1. the entire Actions LinkedList,
      2. only withdrawals,
      3. only deposits.