Doubly Linked List Assignment

Define the equals() method in the Card class. Verify all Card class related files are in the edu.monmouth.card package.

Download files CardNode.java, ListCardNode,java and ListOfCards,java from eCampus. Place these in an eclipse project-in package edu.monmouth.cardList.

Using the files supplied, implement the following methods:

- public String printReverse() – returns a string in the reverse order of toString(). Manufacture a String starting with the last node in the list, ending with the head of the list.
- public void insertEnd() – inserts a node at the end of the list.
- public CardNode insertAfter(Card searchValue, Card insertValue) – find the node with the given searchValue, insert a new node containing the insertValue in the "next" node and return the node created. Use the Card's equals() method to determine equality.
- public CardNode remove(Card searchValue) – find the node in the list containing this Card object and remove it from the list. Return the Card object removed from the list or null if the Card object is not found.

Add an attribute `private CardNode tail` to ListCardNode. This attribute will refer to the last node in the list. Prove this attribute is properly managed by adding/modifying these methods:

- public CardNode getTail() – will return the node to which tail refers
- public String printReverse() – refactor this method to manufacture a String beginning with the node to which tail refers.