Lab 14: Linked List Stack.

Instructions: In this assignment we will complete the LinkedStack implementation. Namely ensure peek, isEmpty, and size methods are implemented as defined in the Stack¡T¿ interface.

Implement a LinkedStack class that implement the following Stack¡T¿ Interface:

```java
public interface Stack<T> {
    /**
     * Adds the specified element to the top of this stack.
     * @param element element to be pushed onto the stack
     */
    public void push(T element);
    /**
     * Removes and returns the top element from this stack.
     * @return the element removed from the stack
     */
    public T pop();
    /**
     * Returns without removing the top element of this stack.
     * @return the element on top of the stack
     */
    public T peek();
    /**
     * Returns true if this stack contains no elements.
     * @return true if the stack is empty
     */
    public boolean isEmpty();
    /**
     * Returns the number of elements in this stack.
     * @return the number of elements in the stack
     */
    public int size();
    /**
     * Returns a string representation of this stack.
     * @return a string representation of the stack
     */
    public String toString();
}
```

Write some test cases:
Create some test cases that you believe would cover all aspects of your code. You may write manual tests or use JUnit.

How to turn in:
Turn in via GitHub. Ensure the file(s) are in your lab14 directory and push via IntelliJ (VCS ↑) OR use the command line:

- $ git add <files>

- $ git commit

- $ git push

Due Date: November 10, 2015 2359

Teamwork: No teamwork, your work must be your own.