List.java 2014-10-28

public class List { // INSTANCE VARIABLES private Node head; private Node tail; private int size; // CONSTRUCTORS public List() { this.head = null;} // PUBLIC METHODS public boolean addHead(String content) { boolean added = false; if (this.size == 0) { this.head = new Node(content); this.size++; added = true; } else { Node temp_node = this.head; while (temp_node.getNext() != null) { temp_node = temp_node.getNext(); temp_node.setNext(new Node(content)); this.size++; added = true; return added; } public boolean removeHead(){ boolean removed = false; if (this.size > 0) { this.head = this.head.getNext(); this.size--; removed = true; return removed; }

// NOT FINISHED

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public boolean addHead(String content) {
    boolean added = false;
   if (this.size == 0) {
      this.head = new Node(content);
      this.size++;
      added = true;
    }
    else {
      Node temp_node = this.head;
      while (temp_node.getNext() != null) {
        temp_node = temp_node.getNext();
      temp_node.setNext(new Node(content));
      this.size++;
      added = true;
    return added;
  public boolean removeHead(){
    boolean removed = false;
    if (this.size > 0) {
      this.head = this.head.getNext();
      this.size--;
      removed = true;
    }
    return removed;
  public boolean isEmpty() {
    boolean is_empty = true;
   if (this.size > 0) {
      is_empty = false;
    return is_empty;
 public int size() {
    return this.size;
}
```