```
/*--- Queue.java ---*/
 * This represents a queue
 * It can add to the back
 * And remove from the front
public class Queue {
 private Node head;
 private Node tail;
  * This is Node that stores some data and
   * a "next" which points to the next Node in line
 private class Node {
   public String data;
   public Node next;
   public Node(String d, Node n) {
     data = d;
     next = n;
   public Node(String d) {
     data = d;
   * adds s to the back of the queue
  public void enqueue(String s) {
   Node n = new Node(s);
   if (this.head == null) this.head = n;
   if (this.tail != null) this.tail.next = n;
   this.tail = n;
  /**
   * removes and returns string from the front of the queue
 public String dequeue() {
   String out = this.head.data;
   this.head = this.head.next;
   return out;
   * returns true if the queue is empty
   * otherwise false
 public boolean empty() {
   return (this.head == null);
```