Lecture 7: More LinkedLists

07/08/22

Announcements

- Fill out form for left-handed exam seating by Friday, July 15th

Reminder: Resubmission Policy

- Your final grade for an assignment will be the maximum of your initial submission score and the **average** of your initial and resubmission score.

  - Your score won't go down, do the resubmission!

- Look over your feedback carefully and make corrections!

- Resubmissions cannot be submitted late.

- You can submit a resubmission even if you didn't make an initial submission.

Upcoming assignments

- Checkpoint 3 due Sunday 7/10 @ 11:59pm
- A1 Resubmission due Wednesday 7/13 @ 11:59pm
  - Cannot be submitted late!
- A3 due Thursday 7/14 @ 11:59pm

Inchworm addSorted


```java
public void addSorted(int value) {
    if (front == null || value <= front.data) {
        front = new ListNode(value, front);
    } else {
        ListNode prev = front;
        ListNode current = front.next;
        while (current != null && current.data < value) {
            prev = current;
            current = current.next;
        }
        prev.next = new ListNode(value, prev.next);
    }
}
```

prev   current

front → [2 | →] → [5 | →] → [12 | /]