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 \[\rightarrow\] current

front $\rightarrow$ \[2\] $\rightarrow$ \[5\] $\rightarrow$ \[12\] $\rightarrow$