

Lecture 15:

Advanced LinkedList Practice

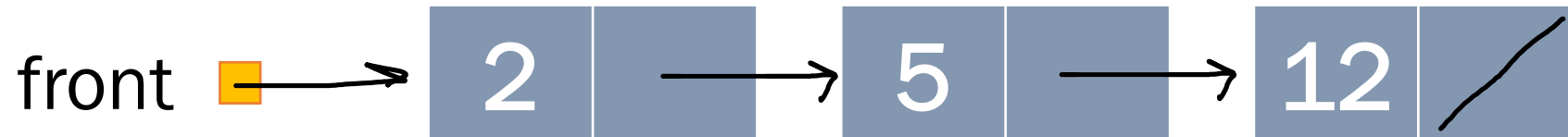
07/29/22



Reminders

- Checkpoint 6 due 7/31 @ 11:59pm
- A6 due Thursday 8/4 @ 11:59pm

```
// Represents a list of integers.  
public class LinkedIntList {  
    private ListNode front;  
}
```



```
// ListNode is a class for storing a single node of a linked list
// storing integer values.
public class ListNode {
    public int data;          // data stored in this node
    public ListNode next;    // link to next node in the list

    // post: constructs a node with data 0 and null link
    public ListNode() {
        this(0, null);
    }

    // post: constructs a node with given data and null link
    public ListNode(int data) {
        this(data, null);
    }

    // post: constructs a node with given data and given link
    public ListNode(int data, ListNode next) {
        this.data = data;
        this.next = next;
    }
}
```