

Please take a seat with some space in between you and the next person. Put everything away except for a writing utensil.

161-01

Linked List variations

Wednesday November 27

Agenda

0. Quiz
1. Announcements
2. Discussion
3. Lab

Quiz



Announcements

1. Did you fill out the mentor evaluation survey that I emailed out last week?
2. Are there any token events over Thanksgiving break?

Discussion

Linked list variations

1. What is abstraction and what does it mean in the context of linked lists?
2. What are some variations on linked lists that we might want to make? Why would they be useful or interesting?



Discussion

Linked list variations

1. What makes doubly-linked lists different from regular linked lists?
2. What operations will be easier to implement for a doubly-linked list?
3. What operations will be more difficult to implement for a doubly-linked list?
4. Sketch out an implementation of a `list_insert` function for a doubly-linked list. This function should add a value to the beginning of a list.



Questions about
the reading?

Lab



Wrap up



For next time:

- There are 2 readings for class after break
- Have a great break!