comp1511 week 08

admin

- assignment 1 marking is underway!
- assignment 2 has been released:

https://www.youtube.com/live/G50bXA6tvtE

agenda for today

- malloc revision
- diagramming linked lists
- inserting into linked lists

malloc revision

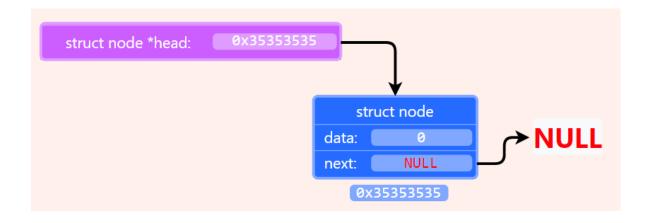
what does malloc do?

what are the inputs?

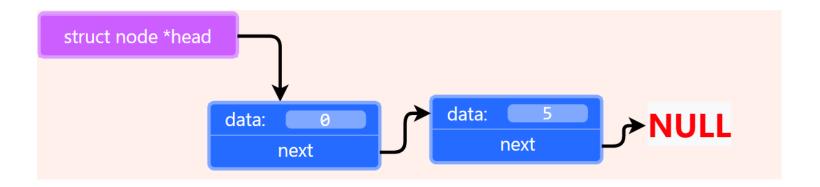
what are the outputs?

demo time!

linked lists

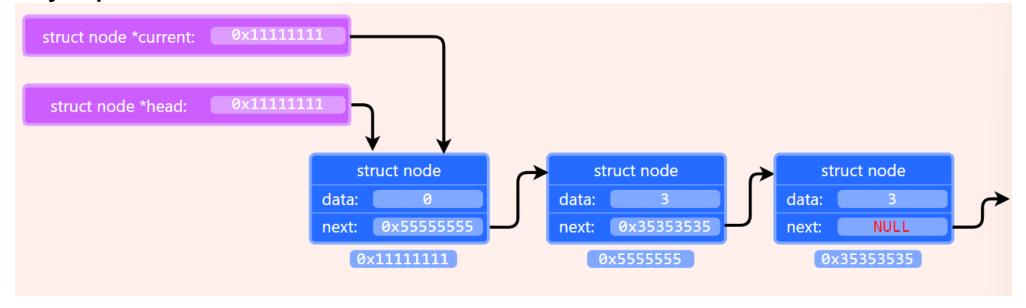


adding nodes to linked lists

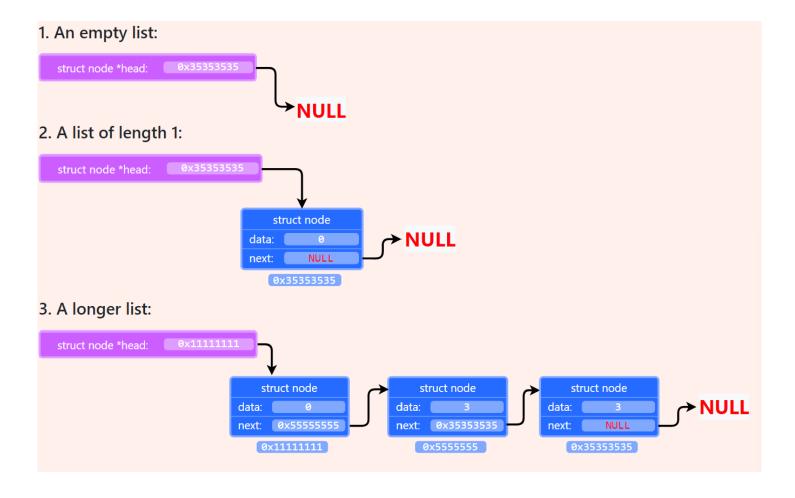


iterating through a linked list?

how do we iterate through a linked list? how do we stop one before the end of the linked list? any special cases to consider?



cases to consider



inserting into a linked list

given a linked list, how can we write a function to:

- 1. adding to the head of a list
- 2. adding to the end of a list
- 3. adding in the middle of a list

any questions?