

## Object-Oriented Programming unit:

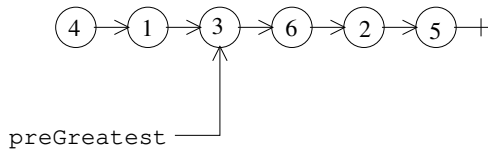
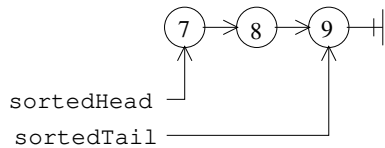
- ▶ Review of object-oriented concepts (last week Friday and this week Monday)
- ▶ Review of linked lists (Wednesday)
- ▶ More on linked structures (**Today**)
- ▶ Git; Documentation; Java GUI components (next week Monday)
- ▶ Abstract data types and Java Collections (next week Wednesday and Friday)

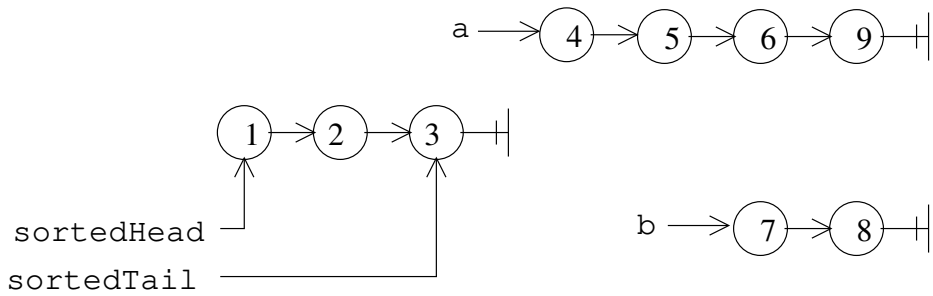
## Today:

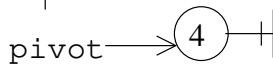
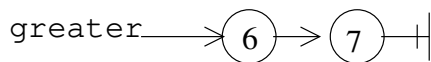
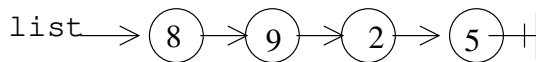
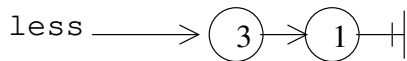
- ▶ Lab retrospective
- ▶ Sorting linked lists
  - ▶ Selection sort
  - ▶ Merge sort
  - ▶ Quick sort

## Lessons from the lab

- ▶ Complexities of linked structures
- ▶ Unit testing
- ▶ Separation of model, view, and controller
- ▶ Incremental development







## Coming up:

- ▶ *Read/review Savitch Chapter 4 and Section 15.1 as necessary*
- ▶ **Due Wed, Feb 18.** *Do Project 2, “First Calculator.”*