

# **CSC 212**

# **PROGRAMMING WITH**

# **DATA STRUCTURES**

**SPRING 2016**

**PROF. SARA SHEEHAN**

**SMITH COLLEGE**

# **CLASS 7: FEB 16**

## **OUTLINE**

- **Introduction to time complexity**
- **Begin: lists**
- **Debrief Homework 2**

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# FROM REFLECTIONS

- **Pair programming was a valuable experience**
  - But: it was hard to find a time to work together
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- **Feel more comfortable with constructors, accessors, manipulators, and classes in different files**
  - More comfortable with inheritance
- **Hard to start from existing code and see how all the pieces will fit together**
  - Suggestion: diagram before you code

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- **The person not at the keyboard should be the driver**
  - They should tell the person at the keyboard what to do

# HOMework 3

- **Start evaluating style**
  - Camel case, classes uppercase, methods/variables lowercase
  - Javadocs for classes, methods, and fields
  - Regular comments inside methods
  - Full English names for variables and methods
  - Use “this” whenever referring to a field
  - Don’t use `import xxx.*;`