

Introduction - CSC 340

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January 27, 2016

Overview

- ✦ Me
- ✦ Syllabus
- ✦ Additional Requirements
- ✦ Assignment Submission Guidelines
- ✦ Grading Rubric
- ✦ Administration
 - ✦ Adds/Drops

You Are Required to Have Mastered

- ✦ Object-oriented design and programming
- ✦ Programming in Java
 - ✦ Flow control, variables, file I/O, and arrays
- ✦ Fundamental Data Structures
 - ✦ Stacks and Queues, Tables, Sets, Maps, Hash Tables
 - ✦ Basic Sorting and Searching Algorithms
- ✦ How loops (especially nested loops) work
- ✦ Recursively define and solve a problem

All In Java:

Point 1: Discuss classes, data hiding, abstraction, polymorphism, inheritance

Point 2: Quick review

Point 3: Quick review of each - implement, if time

Point 4: Example of nested loop

Point 5: Example of recursion (factorial?)