Exam 2 Review

Exam 2 will cover file I/O, ArrayList, binary search, big O, maps and sets.

<u>File IO</u>:

- Review class materials (see the class calendar)
- Scanner, InputStream, OutputStream, Reader, Writer and their derived classes.
- Review how to write a program that reads from a file and/or writes to a file.
- PracticeIt keywords: file input, file output, file processing. Many of PracticeIt examples use a Scanner, but be ready to write similar code with InputStream or Reader.

<u>ArrayList</u>:

- Review class materials (see the class calendar)
- PracticeIt: ArrayList mysteries and any programming question related to ArrayLists.

Search Problems by Keyword:

| ArrayList Mystery | (all languages) | Search |

Search Problems by Keyword:

| ArrayList | (all languages) | Q Search |

<u>Binary search</u>:

- Review class materials (see the class calendar)
- PracticeIt:

Search Problems by Keyword:

| binary search | (all languages) | Search |

<u>Big O</u>:

- Review class materials (see the class calendar)
- PracticeIt:

Search Problems by Keyword:

| big-oh ⌄ | (all languages) ⌄ | Search |

Maps and sets:

- Review class materials (see the class calendar)
- PracticeIt: Any programming exercise related to sets and maps

Search Problems by Keyword:

| sets and maps ⌄ | (all languages) ⌄ | Search |