



Week 4: Heaps

Time

This lesson should take **approximately 2-3 hours** of dedicated time to complete, with its videos and assignments.

Lessons

The activities for this lesson are listed below (with required assignments in bold italics):

Activity	Estimated Time
Lesson 4 Lecture Videos	30 minutes
<i>Week 4 Graded Quiz</i>	30 minutes
<i>Week 4 Challenge Problem</i>	1 hour

Key Concepts

- The heap data structure, algorithms and analysis that show optimal sorting and searching performance for general ordered data.

Getting and Giving Help

You can get/give help via the following means:

- Use the **Learner Help Center** to find information regarding specific technical problems. For example, technical problems would include error messages, difficulty submitting assignments, or problems with video playback. If you cannot find an answer in the documentation, you can also report your problem to the Coursera staff by clicking on the **Contact Us!** link available on each topic's page within the Learner Help Center.
- Use the **Week 4 Discussion Forum** to report errors in lecture video content, assignment questions and answers, assignment grading, text and links on course pages, or the content of other course materials. University of Illinois staff and Community Mentors will monitor this forum and respond to issues.