

# Lecture notes for Week 8:

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## 1. Topics

1. Trees
2. Binary Search Trees

### 1.1. Textbook portions covered

***Introduction to Algorithms (Cormen et al.)***

Chapter 12, Appendix B.5

***Engineering Algorithms...(Clowes "online book")***

Chapter 7

## 2. Lecture 22 (Friday, March 4, 2005)

### 2.1. Midterm

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### 2.2. Lecture 23/24 (Tuesday, March 8, 2005)

#### 2.2.1. Announcements

- Midterms returned next week.

#### 2.2.2. Topics

- Tree definitions.
- Ordered vs. unordered
- Binary Trees
- Traversals
- Algorithms: Find, Add, Delete, Min, Max, Predecessor, Successor

#### 2.2.3. Suggested Problems

***Introduction to Algorithms (Cormen et al.)***

***Engineering Algorithms...(Clowes "online book")***

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