EECE.3220: Data Structures

Spring 2017

Lecture 28: Key Questions
April 7, 2017

1. Explain the basic concepts behind general tree data structures.

2. Explain what a binary tree is.

3. Briefly describe array-based trees and the cases in which they work.

4. Describe how trees can be designed as linked data structures.

5. Review the basics of recursion, and describe how tree traversal can be done as a recursive process.

6. Describe the different types of tree traversal and what the different orders represent, using arithmetic expressions as an example.

7. Describe the binary search tree ADT.