

CSCI 136:
Data Structures
and
Advanced Programming
Lecture 26
Trees, part 4

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Topics

More BST methods
Tree balance
Big-O
Implicit BST

Your to-dos

1. Read **before Mon**: Bailey, Ch 15.15-3.
2. Lab 8 (**solo lab**), **due Tuesday 11/15 by 10pm**.
3. Quiz, **open now**, due Saturday evening.

Binary Search Tree

Let's finish our BST implementation.

Binary Search Tree

At home: how is **remove** implemented?

Binary Search Tree

How might an **iterator** perform a given traversal?

Hint: use a stack!

Hint: the stack maintains all of the elements that still need to be traversed.