

CSSE 230 Day 15

AVL insert/Delete Review
AVLTree practice
Worktime

After today, you should be able to...

...write code to insert an item into an EditorTree using rank and keep it balanced

What is the goal of EditorTrees?

Implementing the List ADT using a balanced tree.

- ▶ **Get/Insert/delete by index**
 - all in $O(\log n)$ time
- ▶ **Efficient size and height**
 - using rank or maintaining fields
- ▶ **Plus:**
 - Concatenate/Split, like String + and .substring)
- ▶ **Let's take a minute now to update the Big Picture document!**

Today's agenda

- ▶ Make sure your whole team has finished and understands yesterday's AVL quiz
 - Get them checked off
- ▶ Work with your team on the project
- ▶ If you have completed Milestone 1, you may continue on to Milestone 2.