

CSSE 230

EditorTrees worktime

Milestone 1 due Weds night

- ▶ If submit tonight, all will earn a late day.
 - (Any teams done early?)
- ▶ If submitted late, everyone is charged a late day.
 - Does everyone on my team have a late day?
 - See link from Moodle
 - Some teams have a person with 0 days left

sumOfHeights from HW5:

- ▶ Easy to find sum of heights in a tree if we don't care about efficiency.

```
return height() + left.sumHeights() + right.sumHeights()
```

- ▶ But look at the repeated work!
- ▶ Other options:
 - Add a field? But far better to hide within param/return.
 - Store heights in an array? But better to use less space.
 - Return multiple things? Very nice. This is a pattern that works for many problems.
- ▶ Let's look at efficiency of two solutions
 - The code is instrumented to count method calls.

Upcoming topics

- ▶ Reminder about HW6 due *which day?*
- ▶ Red-black trees
- ▶ Hash tables and priority queues

Do Midterm feedback survey on Moodle

Questions about

- Textbook
 - The course: + 
 - Your study habits: + 
- ▶ 5 minutes, do around break time or tonight