Announcements

- **Assignment 3 and Assignment 4**
  - Assignment 3 is due tonight.
  - Assignment 4 will go out later this week. Study up for the midterm. :)

- **This Week's Agenda**
  - Revisit the dining philosophers example, identify the deadlock, watch it happen, and then work through a series of increasingly better solutions to ensure deadlock can't happen.
  - Define and implement a `semaphore` class.
  - Implement Dining Philosophers for the final time using `semaphore`s.
  - No new examples in today's slide deck. We have plenty from prior slide decks that we need still need to work through.