Outline for May 11, 2022

Reading: *text*, §36–37   **Assignments:** Homework 2 and Extra Credit 2, due May 11 (Note extension)

1. Announcements
2. Kernel I/O goals
   (a) Character code independence
   (b) Device independence
   (c) Efficiency
   (d) Uniform treatment of devices
3. Device hardware
   (a) Drums (legacy devices)
   (b) Disks
   (c) SSDs
   (d) Tapes
   (e) CDs
   (f) DVDs
   (g) Communication lines
4. Device interface
   (a) Device register
   (b) Device controller
   (c) Channels
5. Device drivers
   (a) Organization
   (b) Clock device driver