

Outline for April 15, 2022

Reading: *text*, §30, 33

Assignments: Lab Exercise and Extra Credit 1, due Apr 20

1. Announcements
2. Monitors and priority waits
 - (a) How they work
 - (b) Example: alarm clock
3. Higher level language construct: eventcounters and sequencers
 - (a) How they work
 - (b) Example: producer-consumer using eventcounters and sequencers
4. Interprocess communication
 - (a) How it work
 - (b) Basic characteristics
 - i. Send and wait (blocking) or send and continue (non-blocking)
 - ii. Receive and wait (blocking) or receive and continue (non-blocking)
 - iii. Naming: explicit vs. implicit
 - iv. Problems
 - (c) Example: producer-consumer using interprocess communication