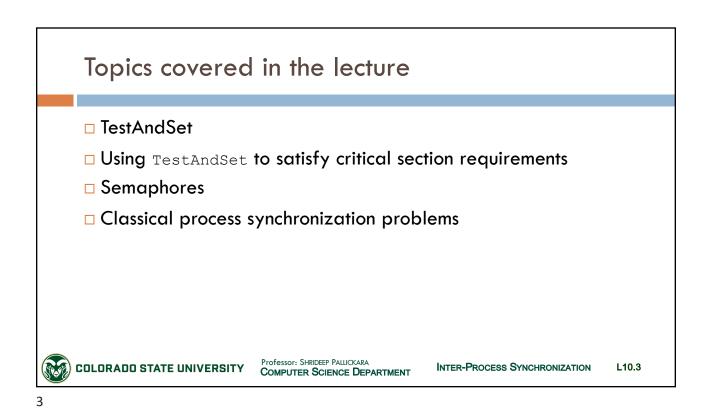
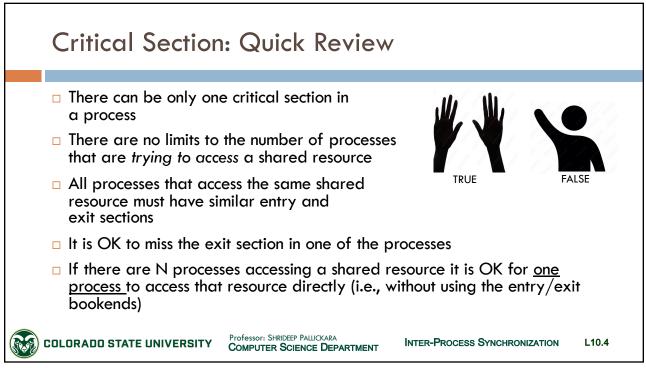
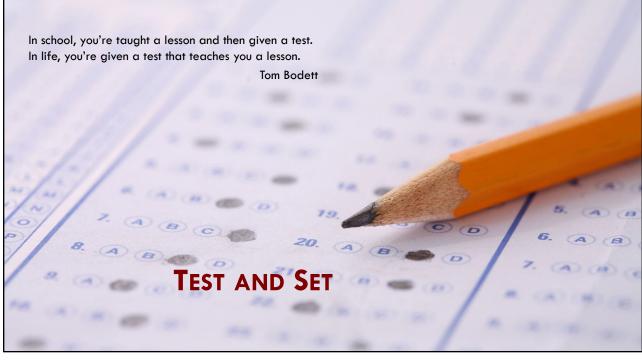


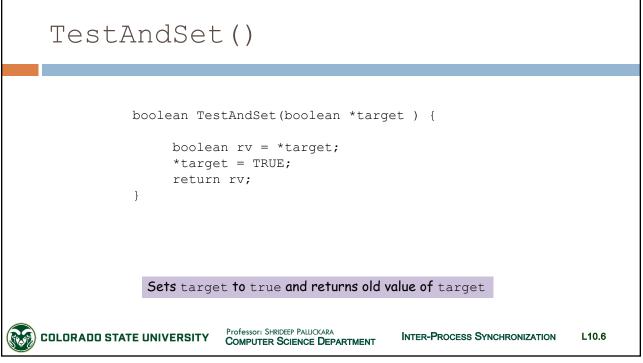
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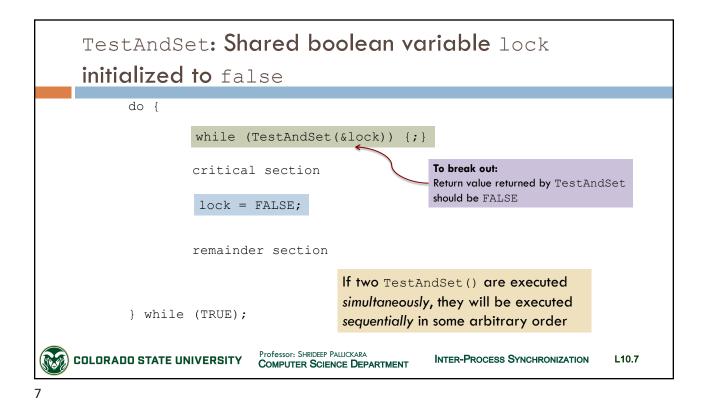




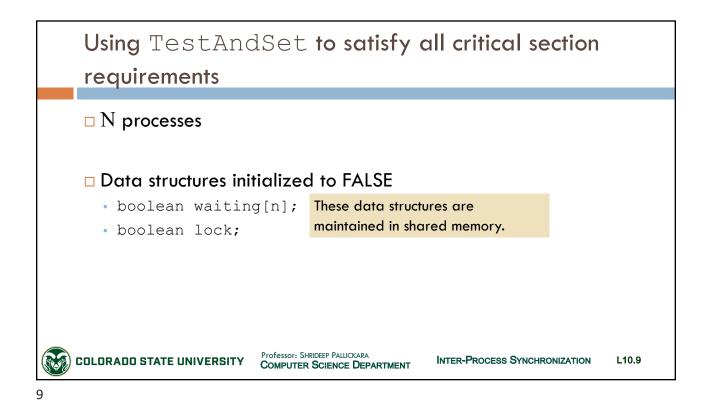


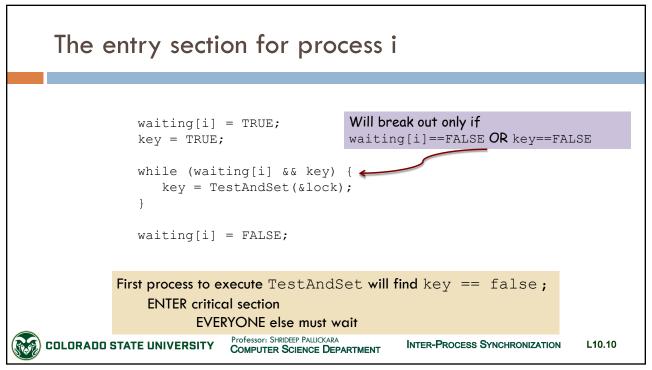
5



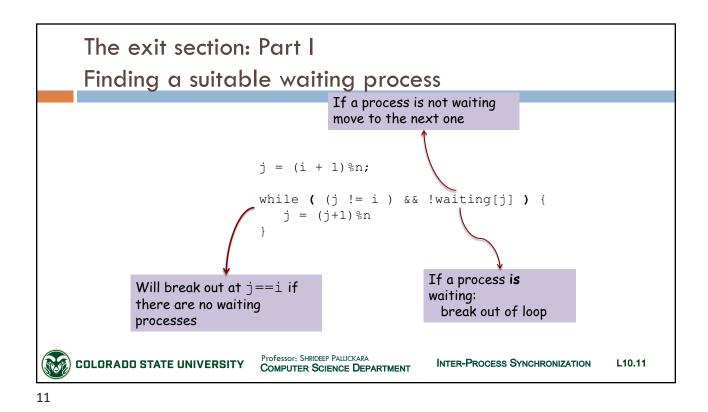


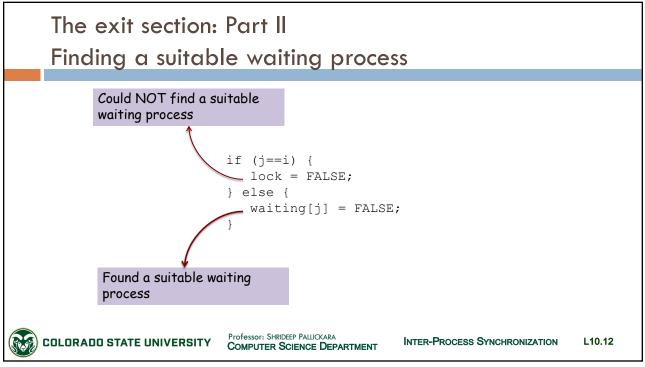


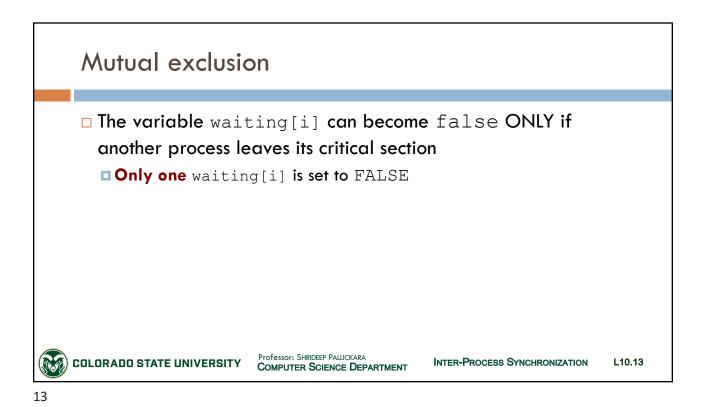




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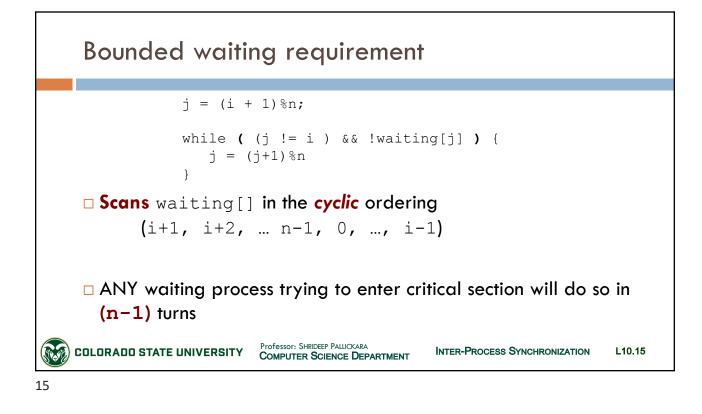


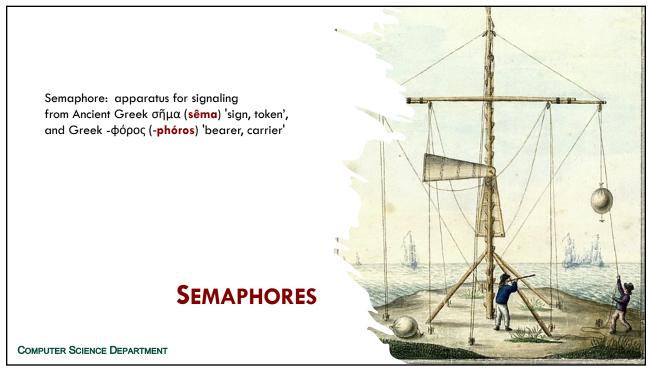


 Progress
A process exiting the critical section

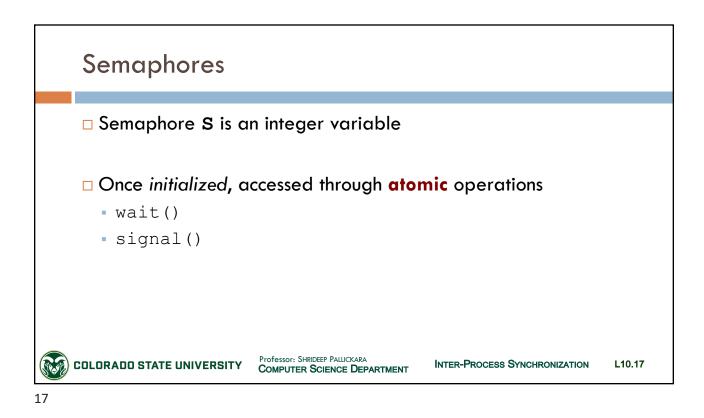
 Sets lock to FALSE OR
 waiting[j] to FALSE

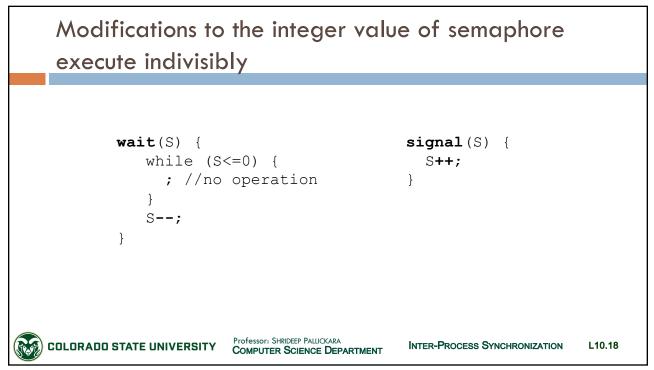
Allows a process that is waiting to proceed

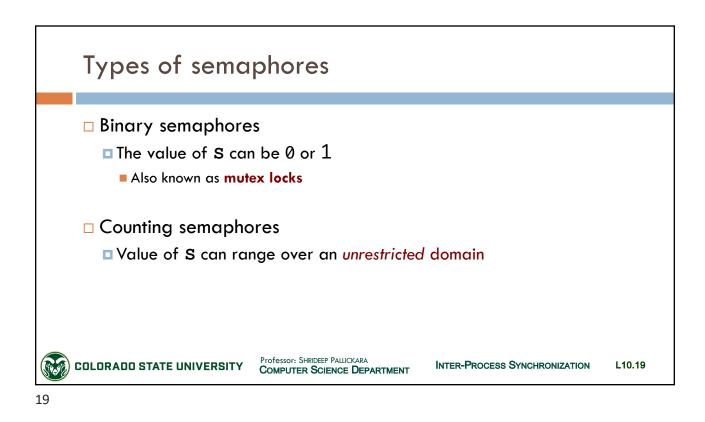


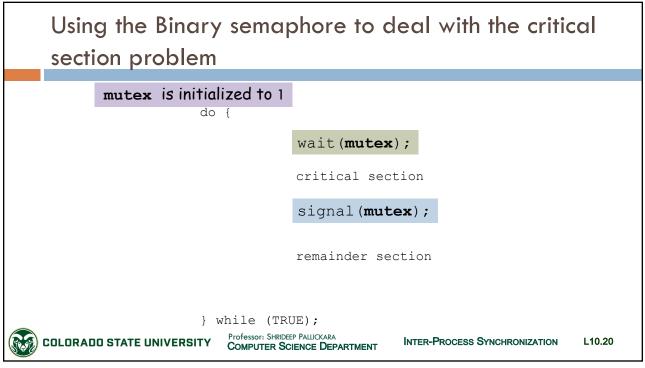


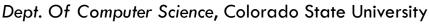
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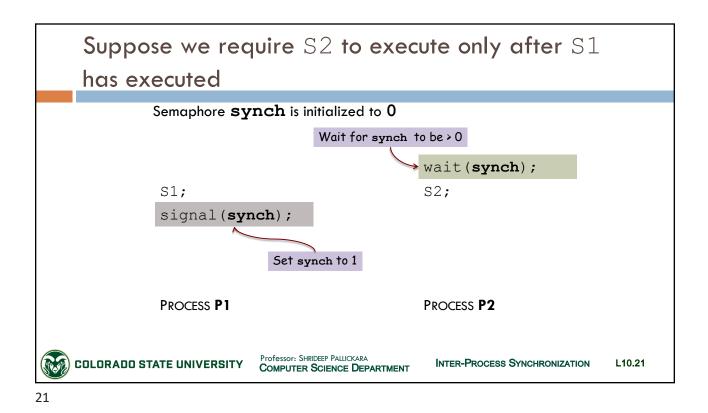


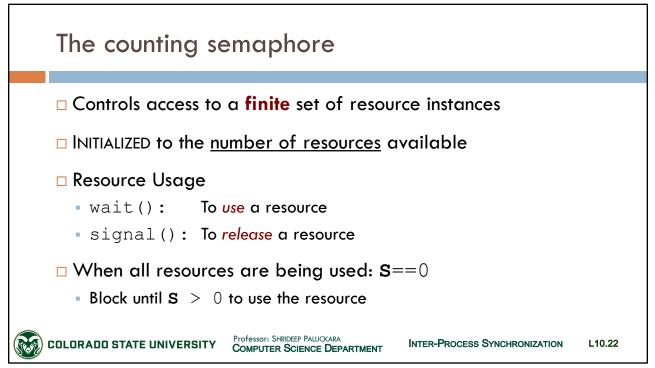


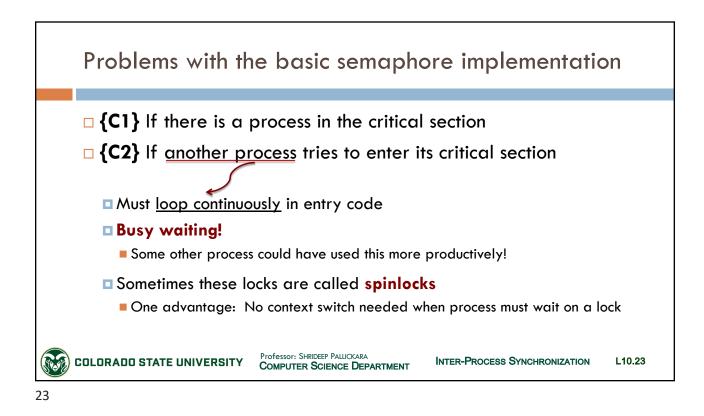


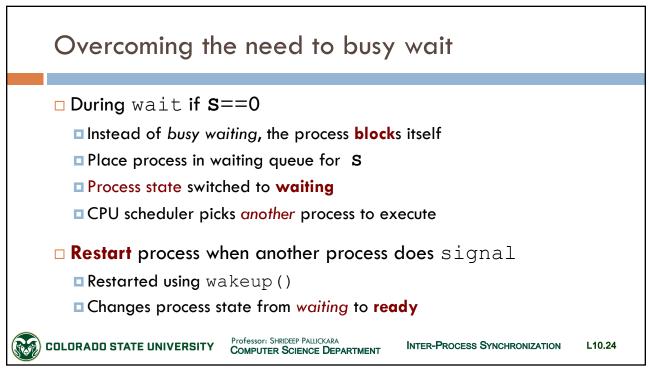




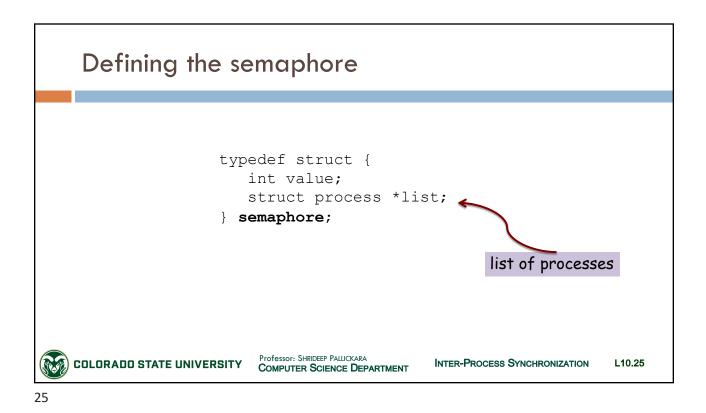


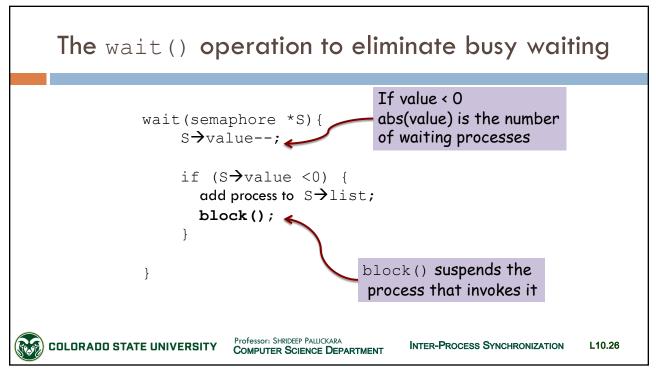


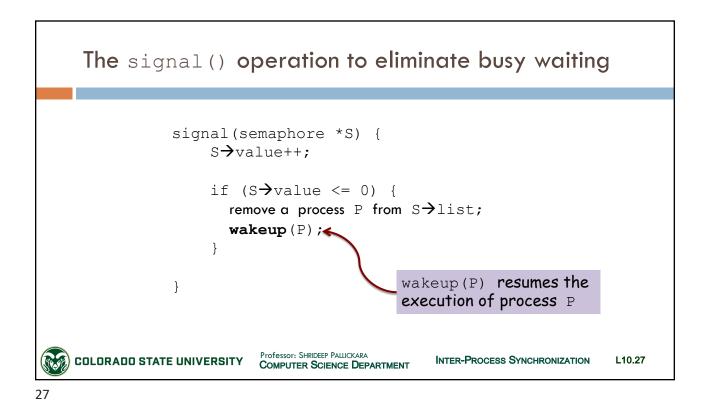


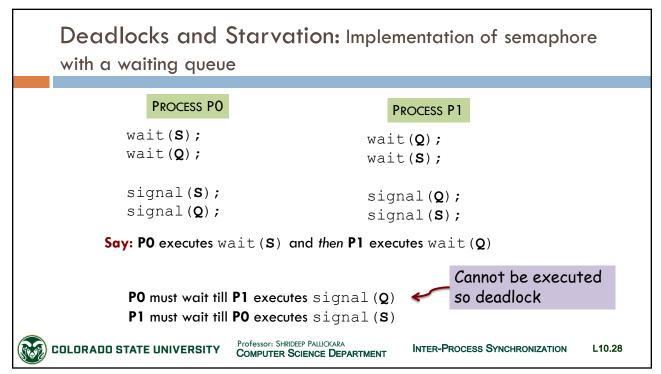


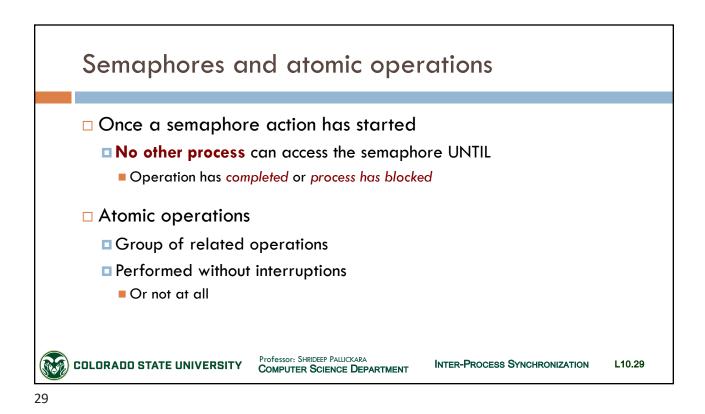
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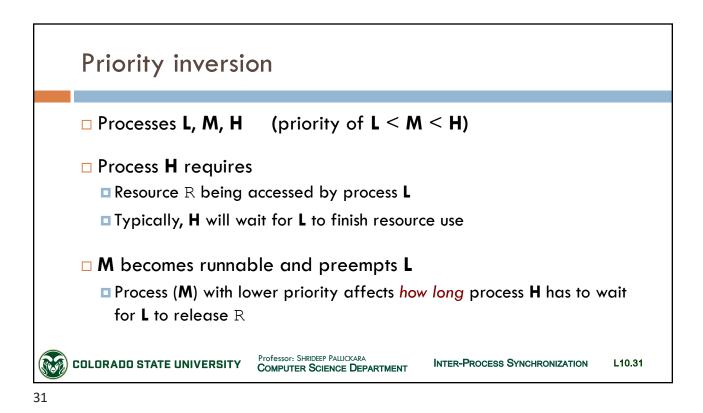


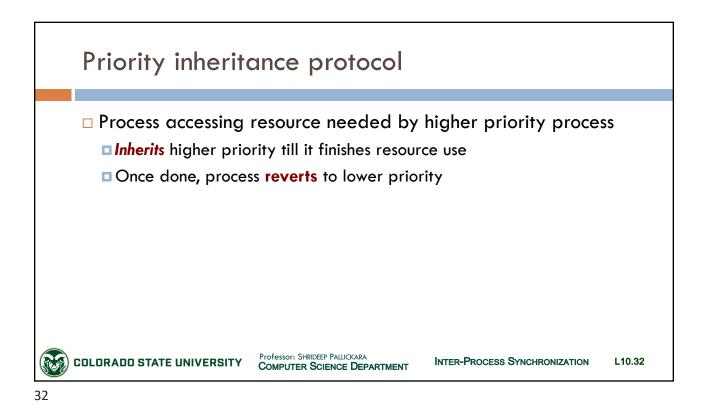


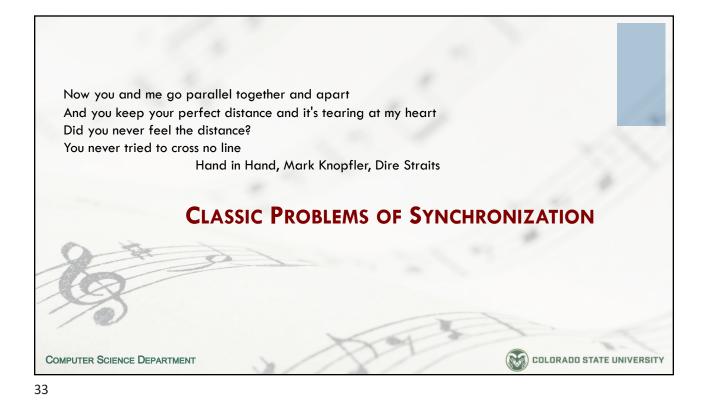


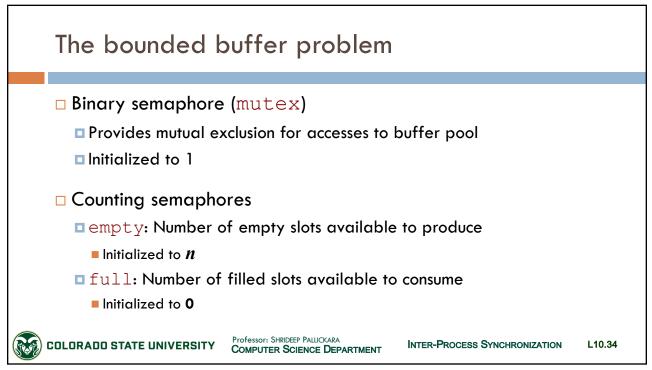


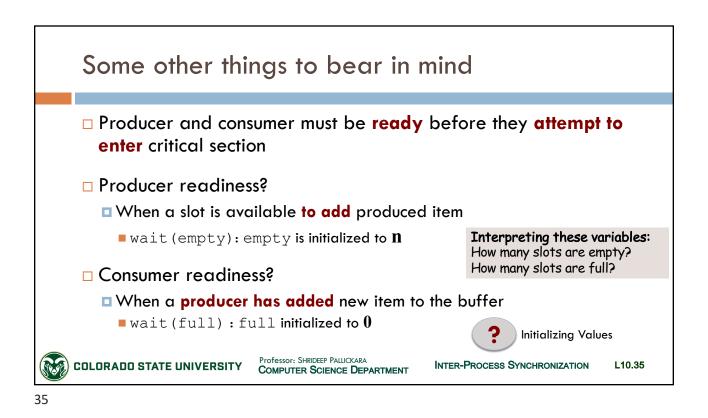


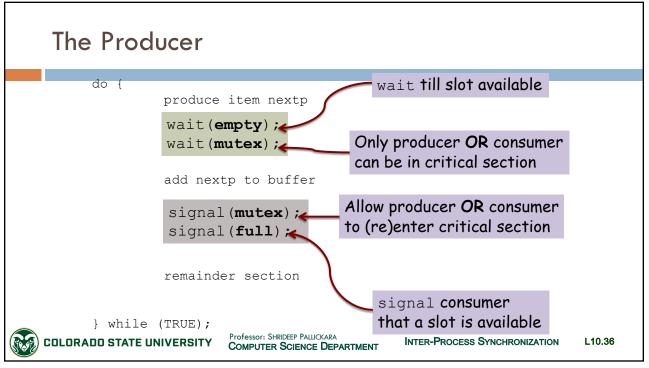


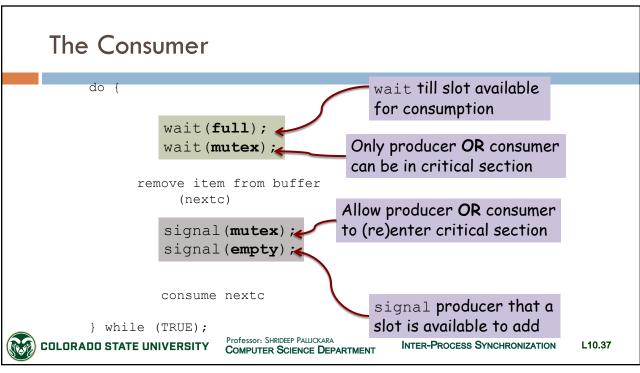


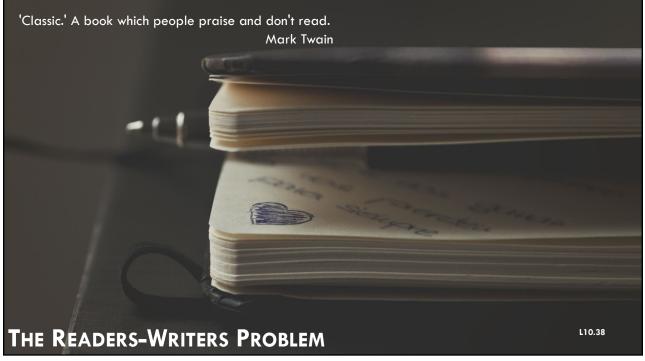




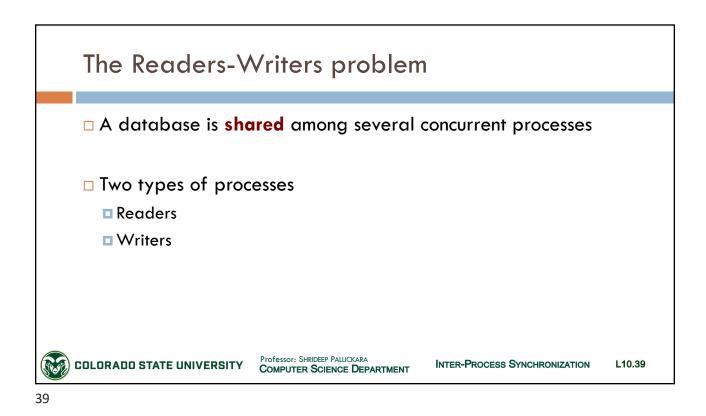


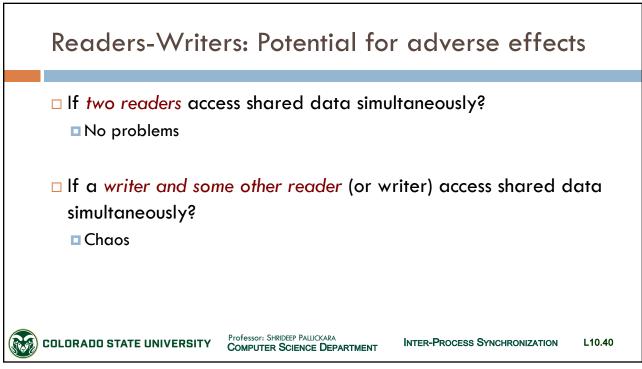




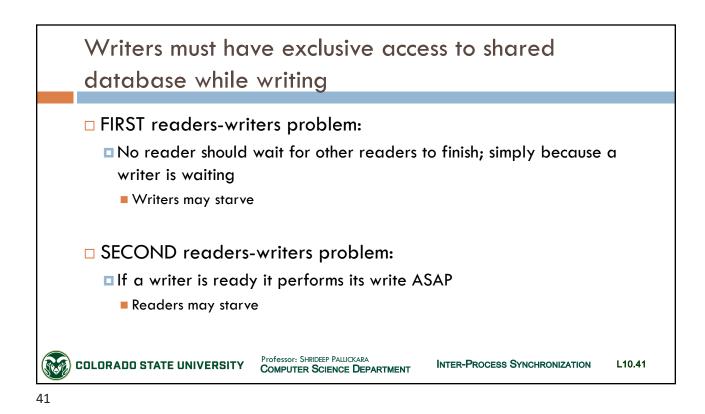


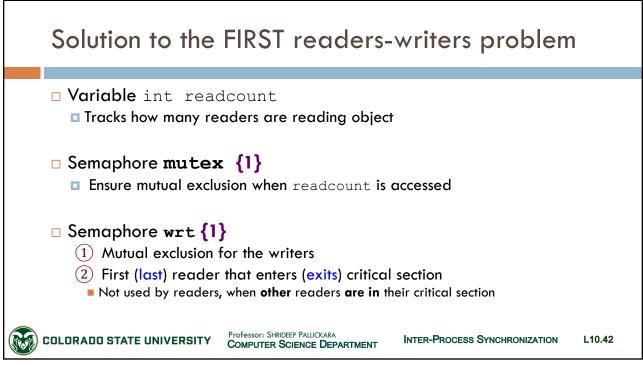
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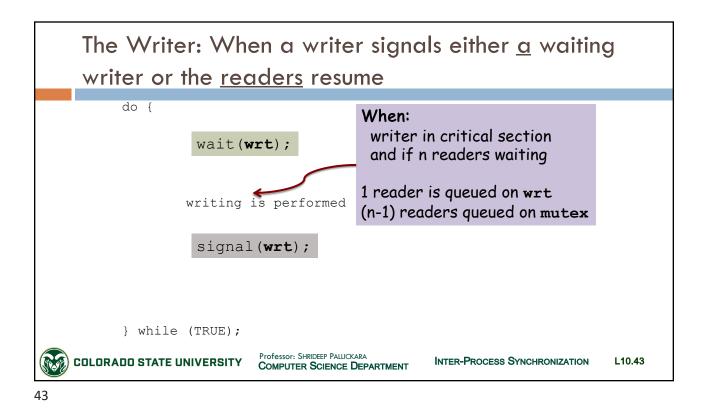




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The Reader process mutex for mutual wait(mutex); do { exclusion to readcount readcount++; if (readcount ==1) { wait(**wrt**); ≼ When: writer in critical section signal(mutex); and if n readers waiting reading is performed 1 is queued on wrt wait(mutex); (n-1) queued on mutex readcount--; if (readcount ==0) { signal(wrt); signal(mutex); } while (TRUE); Professor: SHRIDEEP PALLICKARA **COLORADO STATE UNIVERSITY** L10.44 INTER-PROCESS SYNCHRONIZATION COMPUTER SCIENCE DEPARTMENT

