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- Synchronization can be provided by locks, semaphores, monitors, messages ...
- Locks are the lowest-level mechanism
 - very primitive in terms of semantics error-prone
- implemented by spin-waiting (crude) or by disabling interrupts (also crude, and can only be done in the kernel) • In our next exciting episode ...
- semaphores are a slightly higher level abstraction
 less crude implementation too
 - monitors are significantly higher level

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utilize programming language support to reduce errors

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