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Summary
 Concurrent threads are a very useful abstraction Allow transparent overlapping of computation and I/O Allow use of parallel processing when available
Concurrent threads introduce problems when accessing shared data
 Programs must be insensitive to arbitrary interleavings Without careful design, shared variables can become completely inconsistent
 Important concept: Atomic Operations An operation that runs to completion or not at all These are the primitives on which to construct various synchronization primitives

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