

# ACID Properties for Transactions

- **A**tomicity: All or nothing
- **C**onsistency: if the server starts in a consistent state, the transaction ends the server in a consistent state.
- **I**solation: Each transaction must be performed without interference from other transactions, i.e., non-final effects of a transaction must not be visible to other transactions.
- **D**urability: After a transaction has completed successfully, all its effects are saved in permanent storage.