

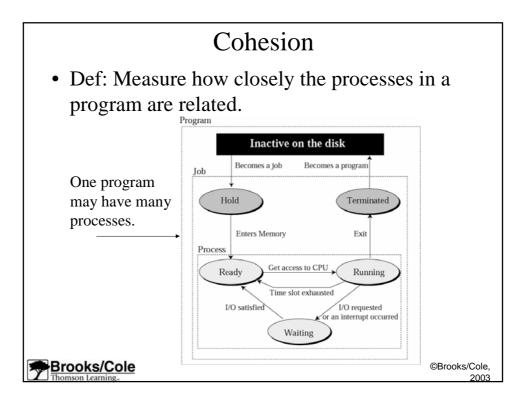
Coupling

- Control coupling

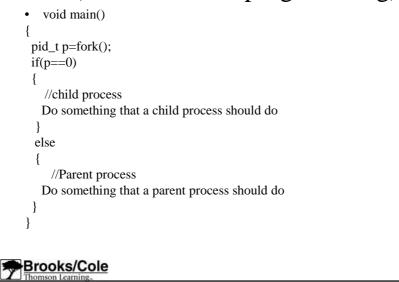
- Pass the flag that direct the logic flow of a function.
- Used to communicate the status.
- Global coupling
 - Use global variables to communicate among functions.
 - When changing the program, not impossible to isolate the impact.
 - Functions are not easily reused in other programs.
- Content coupling
 - One function refers directly to the data or statements in another one.
 - Break structure programming

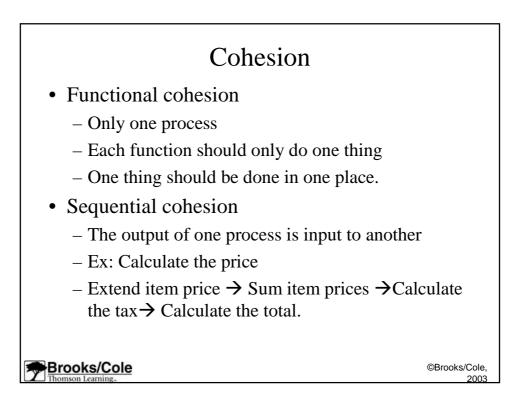
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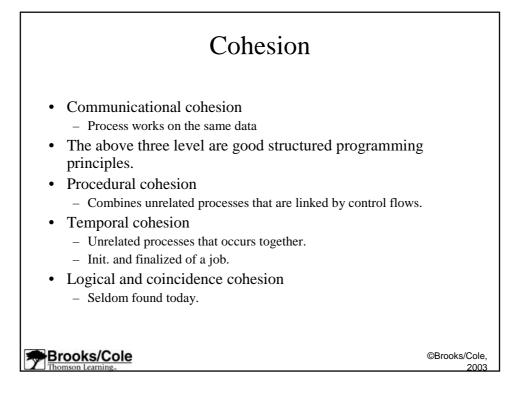


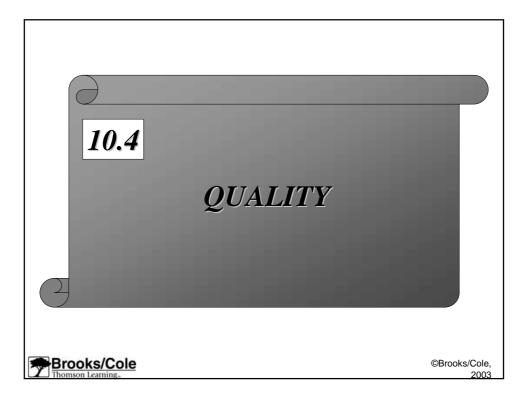
An Example to Fork a Process (Used in UNIX programming)

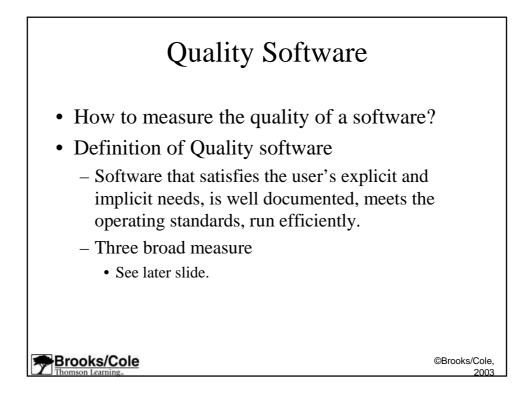


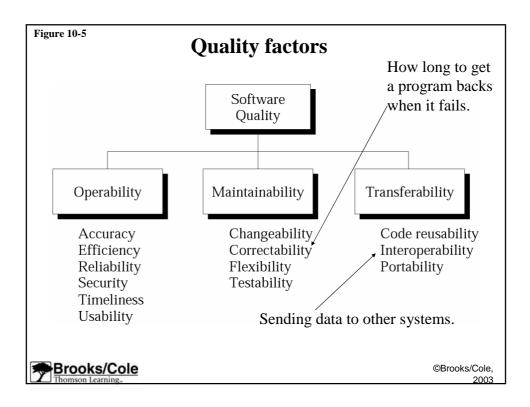


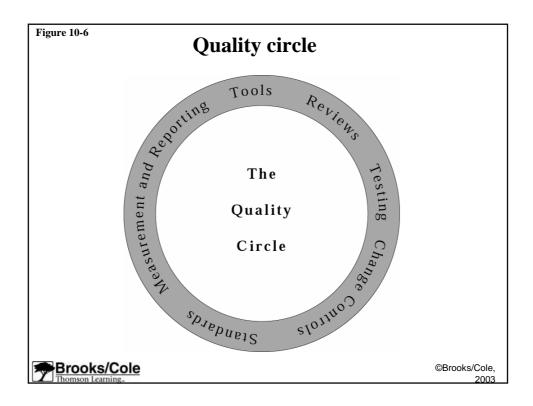
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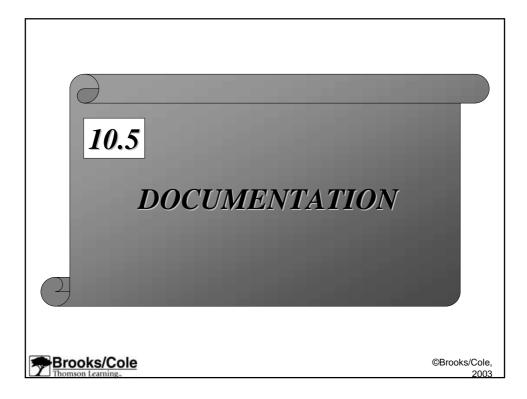












Documentation

- User documentation: manual
- System documentation
 - Analysis phase: information collected, source, methods
 - Design phase: Structure chart
 - Implementation phase
 - General documentation
 - Function documentation
 - Testing phase
- Documentation is an ongoing process until the package become obsolete.

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