

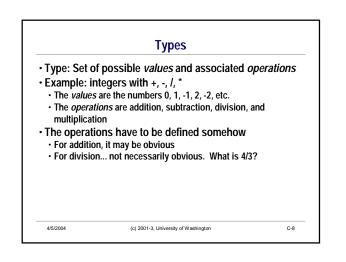


• At any given time, a particular object can be described by the *values* of its properties.

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C-7

- The set of all an object's values is called its state
- The state of an object changes over time

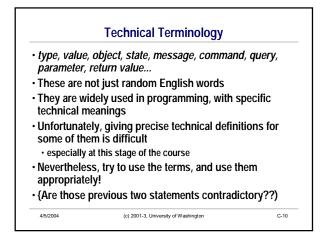


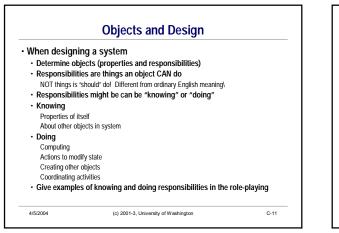
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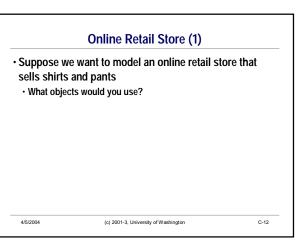
Some Types

Primitive types (Yes, this is real Java!) type name sample values operations int double char boolean etc. **Object types (composites)** type name sample values operations 2D Points Strings Acrobats etc. 4/5/2004 (c) 2001-3, University of Washington

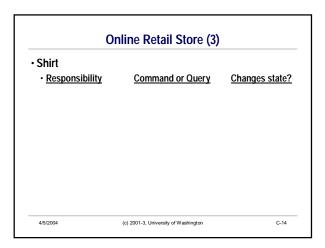
C-9

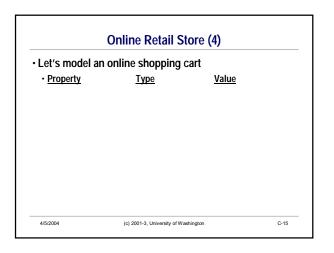


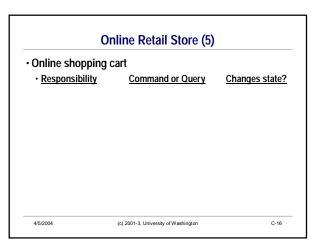




Online Retail Store (2) • Let's model a shirt:			







Summary

Values are pieces of information manipulated by a program

- A type consists of a set of values and operations on those values
- Objects have properties with associated values
- The set of property values is the state of the object

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Objects have responsibilities that consist of queries and commands (messages that are passed to the object)

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C-17