













CSE 331 Autumn 2011

Reasoning about code statements

- Convert assertions about programs into logic
- One logic representation is a Hoare triple:
 P {Java* code} Q
- P and Q are logical assertions about program values
- □ The triple means "if **P** is true and you execute code, then **Q** is true afterward"

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□ A Hoare triple is a boolean – true or false

• Or YFPL: Your favorite programming language









































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Next steps

- Wednesday: reasoning II; Friday: usability; Monday: UML; Wednesday: TBA
- A5 and A6

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