

Boolean Logic

CS/APMA 202, Spring 2005

Rosen, section 1.1

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Quick survey

- How familiar are you with Boolean logic?
 - a) A lot
 - b) Some
 - c) A little
 - d) Boolean what?

Boolean propositions

- A proposition is a statement that can be either true or false
 - “The sky is blue”
 - “I is a English major”
 - “ $x == y$ ”
- Not propositions:
 - “Are you Bob?”
 - “ $x = 7$ ”