

A "Better C"

- •cin and cout for stream input and output (plus cerr)
- New comment style
- Relaxed placement of declarations
- Symbolic constants
- •A real logical (Boolean) type: bool

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- Enumerated types
- Reference parameters

Two Styles of Comments

Old C-style comments

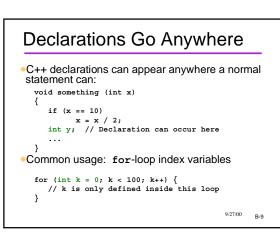
/* This is a comment */

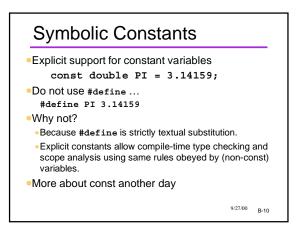
•Double-slash comments (comment extends from the // to the end of the line)

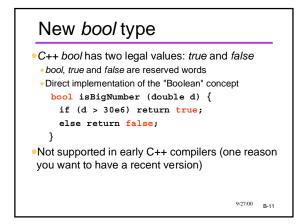
int id; // student ID number

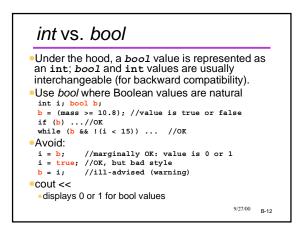
Which form is better?

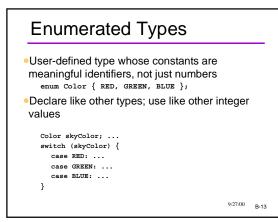
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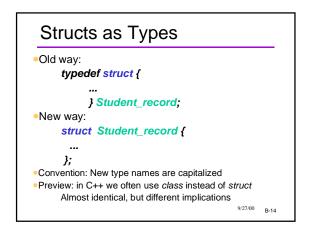


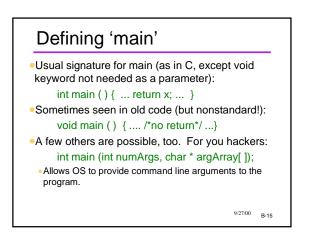


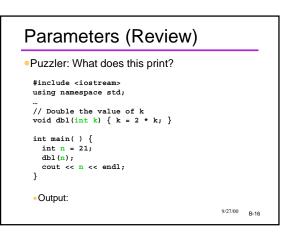


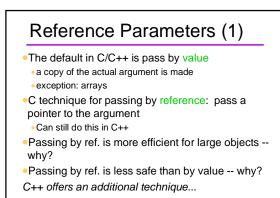




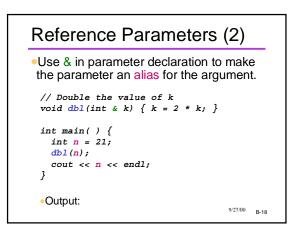








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Reference Parameters (3)

- •The parameter is an **alias** for actual argument
- •Achieves same effect as pointer parameters •& when parameter declared
 - •<u>No</u> explicit & in argument
 - •No explicit * when parameter used
- •Assignments to parameter changes argument
- •Why? because one is an alias of the other

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