



CSE 3302

Programming Languages

Control I

Expressions and Statements

Chengkai Li, Weimin He
Spring 2008

Control



- Control:
what gets executed, when, and in what order.
- Abstraction of control:
 - Expression
 - Statement
 - Exception Handling
 - Procedures and functions

Expression vs. Statement



- In pure (mathematical) form:
 - Expression:
 - no side effect
 - return a value
 - Statement:
 - side effect
 - no return value
- Functional languages aim at achieving this pure form
- No clear-cut in most languages