

February 22, 2019 Outline

Reading: *text*, §9.1, 17

Assignments: Homework 3, due February 22, 2019

1. Basic policy composition s
2. Non-transitive policies
 - a. Dual mappings
 - b. Theorem: a dual mapping from a reflexive information flow policy into an ordered set is order-preserving
3. Compiler-based flow mechanisms
 - a. Scalar declarations
4. Compiler-based flow mechanisms
 - a. Scalar declarations
 - b. Array declarations
 - c. Assignment statements
 - d. Compound statements
 - e. Conditional statements
 - f. Iterative statements
 - g. Goto statements
 - h. Procedure calls
 - i. Exceptions and infinite loops