

CS 1050 Section B, Spring 2001

Homework 1 – due Thursday, January 25

Staple your solutions to the two parts separately (and don't forget to write your name on each part).

Part I

Problem 1 Exercise 8, page 11.

Problem 2 Exercise 40, page 14.

Problem 3 Exercise 6, page 19.

Problem 4 Exercise 16, page 20.

Problem 5 Exercise 10, page 34.

Problem 6 Exercise 22, page 35.

Part II

Problem 7 Exercise 4, page 382.

Problem 8 Give examples of relations that are

- (a) reflexive and symmetric but not transitive,
- (b) reflexive and transitive but not symmetric,
- (b) symmetric and transitive but not reflexive

Problem 9 Exercise 10, page 67.

Problem 10 Exercise 12, page 67.

Problem 11 Exercise 20, page 68.

Problem 12 Exercise 22, page 68.