CSE 321: Discrete Structures
Assignment #8
November 28, 2001
Due: Wednesday, December 5

Reading Assignment: Read Sections 7.1 – 7.3.

Problems:

1. Rosen, Section 6.4, problem 14.

2. Rosen, Section 6.4, problem 16. Only yes/no answers.

3. Rosen, Section 6.4, problem 20. No formal proofs are required.

4. Rosen, Section 6.4, problem 24.
   A relation R on a set A is irreflexive if for every $a \in A$, (a, a) is not element of the relation. That is, R is irreflexive if no element in A is related to itself.

5. Rosen, Section 6.5, problem 6. You have to construct a function f and then show that it has the property stated in the problem.

6. Rosen, Section 6.5, problem 26. Only yes/no answers.

7. Rosen, Section 6.5, problem 38.

8. Rosen, Section 7.1, problem 4,6,8.