

# Homework 8 for CSC 742: Database Management

## Independent Work

You must solve this problem set individually without any assistance from anyone. Mastery of the predicate calculus, and the ability to convert from English to the predicate calculus, is essential for success in this course.

### 1 Query Optimization

#### 1.1 18.13 in Elmasri & Navathe (100 points)