Due date: November 16, 2009 (Monday) in Class.

Problems:

1. Specify queries (a), (b), (f), (g), and (h) of Homework 3 in both the Tuple Relational Calculus and the Domain Relational Calculus.

   (a) Retrieve the names of employees in department 5 who work more than 10 hours per week on the 'ProductX' project.

   (b) List the names of employees who have a dependent with the same first name as themselves.

   (f) Retrieve the names of employees who do not work on any project.

   (g) For each department, retrieve the department name, and the average salary of employees working in that department.

   (h) Retrieve the average salary of all female employees.