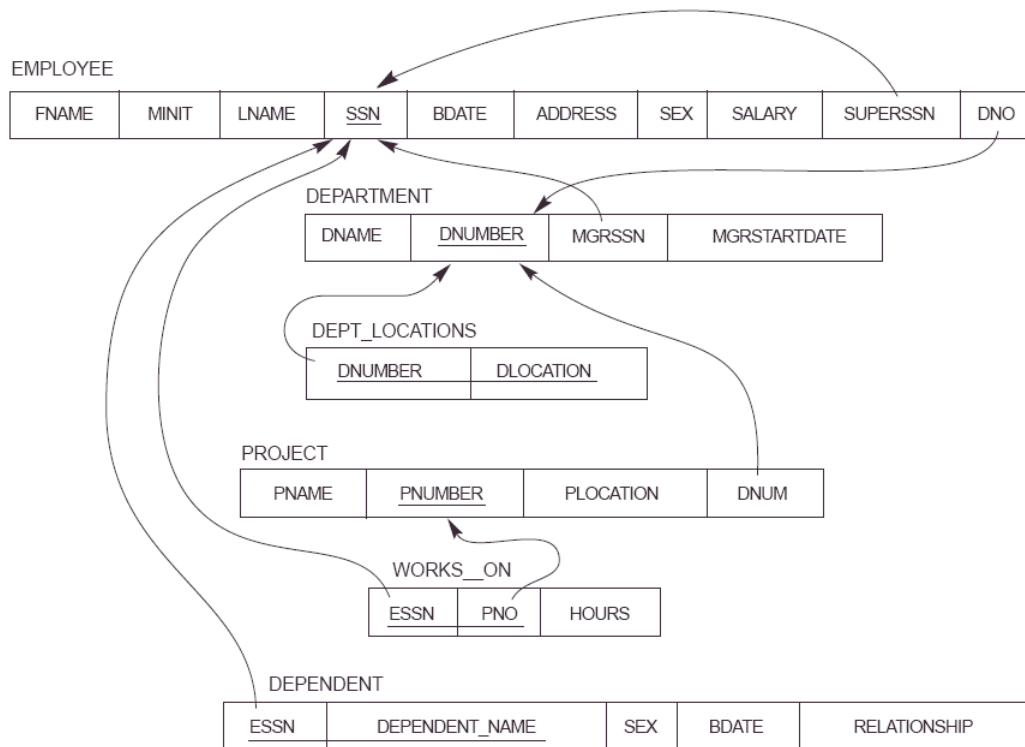


CSC 134 Homework 2

Total: 100 points

Specify the following queries on the database schema shown in the following figure, using the operations of the relational algebra. The homework submission must be typed. Submit a PDF file to SacCT.



- (1) Retrieve the names (fname,lname) of employees who work more than 15 hours per week on the 'Sac' project. ("Sac" is project name.)
- (2) Retrieve the names (fname, lname) of all employees who work on at least one project.
- (3) Retrieve information of "CE" department. Please list the department number and department locations of CE. ("CE" is department name).
- (4) Find the name (fname,lname) of the direct supervisor of "Mary Miller". ("Mary Miller" is an employee).