CS 440 Spring 2015

Homework 3

Due Monday, Feb 2, 2015

For this assignment, we shall appeal to the Company database with schemas:

dept(deptno, dname, loc)

emp(empno, ename, job, mgr, hiredate, sal, comm, deptno)

bonus(ename, job, sal, comm)

salgrade(grade, losal, hisal)

and the supplier parts database with schemas:

s(s#, sname, status, city)

p(p#, pname, color, weight, city)

sp(s#, p#, qty)

1. Modify the record of employee Scott so that Scott now has the same manager as the employee Turner. Rollback your modifications.
2. Create a new department called “PR” and move all employees from Research into this new department. Rollback your modifications.
3. List all employees who do not have the same manager as Martin.
4. List all supplier names, and, if the supplier supplies parts, list names of all parts supplied by that supplier; display each supplier name at most one time.
5. List part names of all parts (except staplers) supplied by suppliers who supply staplers.
6. List part names of all parts that are not currently supplied in Bonn.
7. List supplier names of suppliers who supply parts made in three or more different cities.
8. List each department and, if it has employees, the average salary of the department.
9. List department names of departments having no employees.
10. List department names, the highest paid employee in the department, and his salary.

Create a script to execute this assignment. The format of the script must be:

/\*

Your name

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\*/

**set echo on**

-- Problem 1

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-- Problem 2

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Run your script, spool your output and submit the spooled results.