George Tidwell

SQL Assignment 1

1. Retrieve the name and location of each project.
   Select pname, plocation
   FROM project;

ProjectX	Bellaire
ProjectY	Sugarland
ProjectZ	Houston
Computerization	Stafford
Reorganization	Houston
Newbenefits	Stafford

2. Retrieve the names and relationship of dependents for the employee with SSN – 123456789;
   SELECT essn, dependent_name, relationship
   FROM dependent
   WHERE essn = 123456789;

123456789	Michael	Son
123456789	Alice	Daughter
123456789	Elizabeth	Spouse

3. Retrieve the last name and birth date of male employees who work for department 5.
   SELECT Lname, Bdate, sex, dno
   FROM Employee
   WHERE sex = 'M' and dno = 5;

Smith	09-JAN-65	M	5
Wong	08-DEC-55	M	5
Narayan	15-SEP-62	M	5

4. Retrieve the average salary, minimum salary of female employees.
   SELECT AVG(Salary), MIN(Salary)
   FROM employee
   WHERE sex = 'F';

   31000 25000

5. For each employee who have dependents, list his/her SSN and the number of dependents he/she has.

       SELECT essn,COUNT(*)
       FROM dependent
       GROUP BY essn;

       123456789   3
       333445555   3
       987654321   1

6. Retrieve the first names and last names of employees. Whose first names start with 'J'.

       SELECT fname, lname
       FROM employee
       WHERE fname like 'J%';

       John   Smith
       Jennifer   Wallace
       Joyce   English
       James   Borg