Name- Achyut Jagini

SRN-PES2UG19CS013

WEEK 8 SQL – Joins: inner, outer; Sub queries

1. Using nested query retrieve the names of all employees who have two or more dependents

2. Using nested query Retrieve the name of each employee who has a dependent with the same first name and is the same sex as the employee.

3. Using nested query retrieve names of employees whose salary is greater than the salary of all the employees in department 5.

4. Retrieve the names of employees who have no dependents.(use Exists/Not Exists)

```
company=# SELECT Fname, Minit, Lname, Ssn
company-# FROM EMPLOYEE
company-# WHERE NOT EXISTS(
           SELECT Essn FROM DEPENDENT
company(#
company(#
           WHERE DEPENDENT.Essn=EMPLOYEE.Ssn);
fname | minit | lname |
James E
               Borg 888665555
Alicia | J
                Zelaya | 999887777
Ramesh K
                Narayan | 666884444
                English | 453453453
Joyce
       A
Ahmed | V
               | Jabbar | 987987987
(5 rows)
```

5. List the names of managers who have at least one dependent

```
company=# SELECT Fname,Minit,Lname,Ssn FROM EMPLOYEE WHERE EXISTS(
company(# SELECT Essn FROM DEPENDENT WHERE(
company(#
             DEPENDENT.Essn=EMPLOYEE.Ssn AND DEPENDENT.Essn IN
company(#
             (SELECT Mgr_ssn FROM DEPARTMENT)
company(# )
company(#);
         | minit | lname |
 fname
Franklin | T
                   Wong
                             333445555
Jennifer | S
                  | Wallace | 987654321
(2 rows)
```

6. Using natural Join retrieve the name and address of every employee who works for the 'Research' department.