## **DBMS Lab Week 8**

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Section : A

SQL – Joins: inner, outer; Sub queries Write the SQL query for the following:

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

Command: select fname, minit, lname from employee e where(select COUNT(\*) from dependent where e.ssn=essn)>=2;

<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.
Command:select fname,minit,lname from employee as e where e.ssn
in(select essn from dependent where e.fname=dependent\_name and
e.gender=gender);

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

Command: select fname, minit, lname, salary from employee e where
e.salary >(select MAX(m.salary) from employee m where dno=5);

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

Command:select fname,minit,lname from employee e where NOT
EXISTS(select \* from dependent d where e.ssn=d.essn);

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

Command: select fname, minit, lname from employee where ssn
in(select mgr\_ssn from department d where EXISTS(select \* from
dependent where d.mgr\_ssn=essn));

**<6>** Using natural Joins, retrieve the name and address of every employee who works for the 'Research' department.

Command:select fname,minit,lname,address from employee e
NATURAL JOIN department d where e.dno=d.dnumber and
d.dname='Research';