**ExpNo:8**

**NESTED QUERIES , JOIN QUERIES AND SET OPERATORS**

**AIM**: To perform nested Queries , joining Queries and set operations using DML command

**QUERIES**

**1. Display all employee names and salary whose salary is greater than minimum salary of the company**

**2. Issue a query to display information about employees who earn more than any employee in dept no 5**

**3. Display the details of those who draw the salary greater than the average salary.**

**4. Write SQL Query which retrieves the name and address of every employee who works for the Research Department**

**5. Retrieve the name of each employee who has a dependent with the same first name and is the same sex as the employee.**

**6. Make a list of all project numbers for projects that involve an employee whose last name is ‘Smith’, either as a worker or as a manager of the department that controls the project.**

**7. Write a query to display the name for all employees who work in a department with any employee whose Fname contains the letter 'h'**

**8 Retrieve all employees whose address Starts with Houston.**

**9. Retrieve all employees whose address is Ends with Houston..**

**10. Find all employees who were born during the 1960s.**

**11. Retrieve all employees in department 5 whose salary is between $30,000 and $40,000.**

**# This is the use of in between also this is euquqlent to <= and > =**

**12. Write a SQL query to find those employees who work in the same department where 'Ramesh' works.**

**# Exclude all those records where first name is 'Ramesh'. Return first name, last name**

**13 Display all the dept numbers available in Emp and not in dept tables**

***# Minus is no more supported in mysql, use left join***

**14. Display all the dept numbers available in dept and not in Emp tables**

**15. For every project located in ‘Stafford’, list the project number, the controlling department number, and the department manager’s last name, address, and birth date.**

**16. For each employee, retrieve the employee’s first and last name and the first and last name of his or her immediate supervisor.**

**# only employees who have a supervisor are included in the result**

**# this is SELF JOIN**

**17. For each employee, retrieve the employee’s first and last name and the first and last name of his or her immediate supervisor, including those who have no immediate supervisors**

**18. List the details of employees having no immediate supervisor.**

**19. Show the resulting salaries if every employee working on the ‘ProductX’ project is given a 10 percent raise.**

**#This is use of arithmetic expression in select clause**

**20. List the first name and last name of all employees who work in the same department as the manager with last name 'Wong',**

**RESULT**

The query was executed and output was successfully obtained