1. List the department without any employees in it.

SELECT DISTINCT JOB FROM EMP;

1. List the name and job of the employees who does not report to anybody.

SELECT ENAME,JOB FROM EMP WHERE MGR = NULL;

1. Write a query that will give you the names and jobs of all employees in New York with a commission above 1000

SELECT E.ENAME,E.JOB FROM EMP E,DEPT D WHERE D.LOC = 'NEWYORK' AND COMM<'1000';

1. How many employees work in Chicago?

SELECT COUNT(E.ENAME) AS CNR,D.DNAME FROM EMP E INNER JOIN DEPT D ON E.DEPTNO = D.DEPTNO WHERE D.LOC ='CHICAGO' GROUP BY D.DNAME;

1. Which employees work in Chicago?

SELECT E.ENAME,E.SAL,D.DNAME,D.LOC FROM EMP E,DEPT D WHERE E.DEPTNO = D.DEPTNO AND D.LOC = 'CHICAGO';

1. List the employees’ names and cities in which they work. Order the list by city.

SELECT E.ENAME,D.DEPTNO FROM EMP E,DEPT D ORDER BY LOC ASC;

1. Find the number of employees and number of departments.

SELECT COUNT(EMPNO) AS NOEMP,COUNT(DISTINCT DEPTNO) AS NODEPT FROM EMP;

1. Display the employees who were hired before their managers.

SELECT X.ENAME,Y.ENAME AS MANAGER,Y.HIREDATE AS MGHIRE FROM EMP X JOIN EMP Y ON X.MGR = Y.EMPNO WHERE X.HIREDATE<Y.HIREDATE;

1. Determine the number of managers without listing them.

SELECT ENAME,JOB FROM EMP WHERE MGR IS NULL;

1. Display the name and title of all employees who do not have a manager.

SELECT ENAME,JOB FROM EMP WHERE MGR IS NULL;

1. Create a query to display the employee name and department number for employee SMITH.

SELECT ENAME,DEPTNO FROM EMP WHERE ENAME LIKE 'SMITH';

1. Display the salesmen who are not in Boston

SELECT E.ENAME,D.LOC FROM EMP E,DEPT D WHERE E.DEPTNO = D.DEPTNO;

1. List the details of the employees along with their location

SELECT \* FROM EMP E INNER JOIN DEPT D ON E.DEPTNO = D.DEPTNO;

1. List the salesmen who are drawing salary less than Miller

SELECT ENAME FROM EMP WHERE SAL < (SELECT SAL FROM EMP WHERE ENAME = 'MILLER');

1. Display the details of the employee working in Chicago

SELECT \* FROM EMP E INNER JOIN DEPT D ON E.DEPTNO = D.DEPTNO WHERE D.LOC = 'CHICAGO';

1. Find the names of all employees whose salaries are greater than the minimum salary for the Manager

SELECT X.ENAME,Y.SAL AS MGRSAL FROM EMP X JOIN EMP Y ON X.MGR = Y.EMPNO WHERE X.SAL>Y.SAL;

1. Select the last name and job id from all employees whose department id is equal to Accounting.

SELECT E.ENAME,E.JOB,E.EMPNO,D.DNAME FROM EMP E INNER JOIN DEPT D ON E.DEPTNO = D.DEPTNO WHERE D.DNAME = 'ACCOUNTS';

1. Display those emp who are working as manager

SELECT ENAME FROM EMP WHERE JOB = 'MANAGER';

1. write a subquery using case statement to display non sales if department is not sales

If salary of an employee is more than 1000, then display salary otherwise display 1000

1. Display salary as low, medium high based on salary range

Less than 1000 less

1000 to 2500 medium

More than 2500 high