1. List the department without any employees in it.

SELECT DEPTNO

FROM EMP

WHERE EMPNO IS NULL ;

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

SELECT ENAME,JOB

FROM EMP

WHERE COMM IS 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 ENAME,JOB

FROM EMP,DEPT

WHERE COMM>1000 AND LOC LIKE 'NEWYORK';

1. How many employees work in Chicago?

SELECT COUNT(EMPNO)

FROM EMP,DEPT

WHERE LOC LIKE 'CHICAGO';

1. Which employees work in Chicago?

SELECT \*

FROM EMP,DEPT

WHERE LOC LIKE 'CHICAGO';

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

SELECT ENAME,LOC

FROM EMP,DEPT

ORDER BY LOC;

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

SELECT COUNT(DISTINCT EMPNO) AS NOOFEMP,COUNT(DISTINCT DEPTNO)

AS NOOFDEPT

FROM EMP;

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

SELECT COUNT(MGR) AS NOOFMGR

FROM EMP;

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 \*

FROM EMP,DEPT

WHERE LOC != 'BOSTON' AND JOB LIKE 'SALESMAN';

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

SELECT EMPNO,ENAME,JOB,MGR,HIREDATE,SAL,COMM,DEPTNO,NULL AS LOC

FROM EMP

UNION

SELECT NULL,NULL,DNAME AS JOB ,NULL,NULL,NULL,NULL,DEPTNO,LOC

FROM DEPT;

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

SELECT ENAME,JOB

FROM EMP

WHERE JOB LIKE 'SALESMAN' AND SAL < (SELECT SAL

FROM EMP

WHERE ENAME LIKE 'MILLER');

1. Display the details of the employee working in Chicago

SELECT \*

FROM EMP , DEPT

WHERE LOC LIKE 'CHICAGO';

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

SELECT ENAME

FROM EMP

WHERE SAL > (SELECT MIN(SAL)

FROM EMP

WHERE JOB LIKE'MANAGER' );

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

SELECT ENAME,EMPNO

FROM EMP , DEPT

WHERE DNAME LIKE 'ACCOUNTING';

1. Display those emp who are working as manager

SELECT \*

FROM EMP

WHERE JOB LIKE '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

SELECT JOB,SAL,

CASE

WHEN JOB != 'SALES'

THEN 'NONSALES'

WHEN SAL>1000

THEN 1000

ELSE 'NULL'

END

FROM EMP;

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

Less than 1000 less

1000 to 2500 medium

More than 2500 high

SELECT SAL AS LOW

FROM EMP

WHERE SAL<(SELECT SAL

FROM EMP

WHERE SAL=1000)

UNION

SELECT SAL AS MEDIUM

FROM EMP

WHERE SAL=(SELECT SAL

FROM EMP

WHERE SAL BETWEEN 1000 AND 2500)

UNION

SELECT SAL AS HIGH

FROM EMP

WHERE SAL>(SELECT SAL

EMP

WHERE SAL=2500);