

## **DBMS PRACTICAL ASSIGNMENT – JOINS**

#1. Display all employee name and their department name, in department name order.

```
SELECT EMP.ENAME,DEPT.DNAME
FROM EMP
LEFT JOIN
DEPT
ON EMP.DEPTNO = DEPT.DEPTNO
ORDER BY DEPT.DEPTNO;
```

#2. Display all employee names, department number and name.

```
SELECT EMP.ENAME,EMP.DEPTNO,DEPT.DNAME
FROM EMP
LEFT JOIN
DEPT
ON EMP.DEPTNO = DEPT.DEPTNO;
```

#3. Display the name, location and department of employees whose salary is more than 1500 a month.

```
SELECT EMP.ENAME,DEPT.LOC,DEPT.DNAME
FROM EMP
JOIN
DEPT
ON EMP.DEPTNO = DEPT.DEPTNO
WHERE EMP.SAL > 1500;
```

#4. Produce a list showing employees salary per year.

```
SELECT EMP.ENAME,EMP.SAL FROM EMP;
```

#5. Show, all employees in dallas.

```
SELECT EMP.ENAME
FROM EMP
LEFT JOIN
DEPT
ON EMP.DEPTNO = DEPT.DEPTNO
WHERE DEPT.LOC = 'DALLAS';
```

#6. List the employee name, job, salary and department name for everyone in the company except clerks. Sort on salary, displaying the highest salary first.

```
SELECT EMP.ENAME,EMP.JOB,EMP.SAL,DEPT.DNAME
FROM EMP
JOIN
DEPT
ON EMP.DEPTNO = DEPT.DEPTNO
WHERE EMP.JOB != 'CLERK'
ORDER BY EMP.SAL DESC;
```

#7. Display the department that has no employees.

```
SELECT DEPT.DNAME
FROM DEPT
WHERE DEPT.DEPTNO NOT IN (
    SELECT DISTINCT DEPTNO
    FROM EMP
);
```

#8. List all employees by name, department name, location along with their managers ID.

```
SELECT EMP.ENAME,DEPT.DNAME,DEPT.LOC,EMP.MGR
FROM EMP
LEFT JOIN
DEPT
ON EMP.DEPTNO = DEPT.DEPTNO;
```

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