

```
1 SELECT *  
  
FROM Emp  
WHERE DeptNo IN(10, 30);
```

```
2 SELECT d.*  
  
FROM Dept d  
  
JOIN Emp e ON d.DeptNo = e.DeptNo  
  
GROUP BY d.DeptNo  
  
HAVING COUNT(*) > 1;
```

```
3 SELECT *  
FROM Emp  
WHERE Ename LIKE 'S%'
```

```
4 SELECT *  
FROM Emp  
WHERE STRFTIME('%J', 'now') - STRFTIME('%J', HireDate) > (2 * 365);
```

```
5 SELECT REPLACE(Ename, 'a', '#')  
  
FROM Emp;
```

```
6 SELECT e.Ename, m.Ename AS ManagerName  
FROM Emp e  
LEFT JOIN Emp m ON e.Mgr = m.EmpNo;
```

```
7 SELECT d.Dname, SUM(e.Sal) AS TotalSalary  
  
FROM Dept d  
  
JOIN Emp e ON d.DeptNo = e.DeptNo  
  
GROUP BY d.Dname;
```

```
8 SELECT e.*, d.Dname, d.Loc
FROM Emp e
LEFT JOIN Dept d ON e.DeptNo = d.DeptNo;
```

```
9 UPDATE Emp
SET Sal = Sal * 1.10;
```

```
10 DELETE FROM Emp
WHERE DeptNo IN (SELECT DeptNo FROM Dept WHERE Loc = 'Chennai');
```

```
11 SELECT Ename, Sal + COALESCE(Commission, 0) AS GrossSalary
FROM Emp;
```

```
12 ALTER TABLE Emp
MODIFY Ename VARCHAR(250);
```

```
13 SELECT datetime('now');
```

```
14 CREATE TABLE STUDENT (
    StudentID INT PRIMARY KEY,
    StudentName VARCHAR(255),
    Course VARCHAR(255),
    Batch VAR(25),
    Admission-Date (DATE);
```

```
15 SELECT COUNT(*)
FROM Emp
WHERE Sal > 10000;
```

```
16 SELECT MIN(Sal) AS MinSalary, MAX(Sal) AS MaxSalary, AVG(Sal) AS AvgSalary  
FROM Emp;
```

```
17 SELECT d.Loc, COUNT(e.EmpNo) AS EmployeeCount  
FROM Dept d  
LEFT JOIN Emp e ON d.DeptNo = e.DeptNo  
GROUP BY d.Loc;
```

```
18 1SELECT Ename  
FROM Emp  
ORDER BY Ename DESC;
```

```
19 CREATE TABLE EMP_BKP AS  
SELECT *  
FROM Emp;
```

```
20 SELECT SUBSTRING(Ename, 1, 3) || Sal  
FROM Emp;
```

```
21 SELECT *  
FROM Emp  
WHERE Ename LIKE 'S%';
```

```
22 SELECT e.*  
FROM Emp e  
JOIN Dept d ON e.DeptNo = d.DeptNo  
WHERE d.Loc = 'Bangalore';
```

```
23 SELECT *  
FROM Emp  
WHERE SUBSTRING(Ename, 1, 1) BETWEEN 'A' AND 'K';
```

```
24 SELECT e.*  
FROM Emp e  
JOIN Emp m ON e.Mgr = m.EmpNo  
WHERE m.Ename = 'Stefen';
```

```
25 SELECT m.Ename  
FROM Emp m  
JOIN Emp e ON e.Mgr = m.EmpNo  
GROUP BY m.EmpNo  
ORDER BY COUNT(*) DESC
```

```
26 SELECT e., d., m.*  
FROM Emp e  
JOIN Dept d ON e.DeptNo = d.DeptNo  
JOIN Emp m ON e.Mgr = m.EmpNo  
WHERE e.Sal = (SELECT MAX(Sal) FROM Emp WHERE Sal < (SELECT MAX(Sal) FROM Emp));
```

```
27 SELECT m.*  
FROM Emp m  
WHERE m.EmpNo IN (SELECT DISTINCT Mgr FROM Emp WHERE Mgr IS NOT NULL);
```

```
28 SELECT m.*, STRFTIME('%Y', 'now') - STRFTIME('%Y', m.HireDate) AS TotalExperience  
FROM Emp m  
WHERE m.EmpNo IN (SELECT DISTINCT Mgr FROM Emp WHERE Mgr IS NOT NULL);
```

```
29 SELECT *  
FROM Emp e  
JOIN Dept d ON e.DeptNo = d.DeptNo  
WHERE e.EmpNO IN (SELECT DISTINCT MgrFROM Em WHERE Mgr IS NPT NULL)  
AND e.Commission < 1000  
AND d.Loc = 'Delhi';
```

```
30 SELECT *  
FROM Emp  
WHERE HireDate < (SELECT HireDate FROM Emp WHERE Ename = 'Martin');
```