

Experiment :5

Problem 5.1: Display all the dept numbers available with the dept and accdept tables avoiding duplicates.

```
SELECT DEPTNO FROM DEPT_0096
UNION
SELECT DEPTNO FROM ACCREDIT_0096;
```

Problem 5.2: Display all the dept numbers available with the dept and accdept tables.

```
SELECT DEPTNO FROM DEPT_0096
UNION ALL
SELECT DEPTNO FROM ACCREDIT_0096;
```

Problem 5.3: Display dept no available in both the dept and acc dept tables.

```
SELECT DEPTNO FROM DEPT_0096
INTERSECT
SELECT DEPTNO FROM ACCREDIT_0096;
```

Problem 5.4: Display all the dept numbers available in dept and not in accdept tables.

```
SELECT DEPTNO FROM DEPT_0096
MINUS
SELECT DEPTNO FROM ACCREDIT_0096;
```

Problem 5.5: The organization wants to display only the details of the employees those who are managers(horizontal portioning).

```
SELECT * FROM EMP_0096
WHERE JOB = 'MANAGER';
```

Problem 5.6: The organization wants to display only the details like empno,empname,deptno,deptname of the employees .(vertical portioning)

```
SELECT E.EMPNO, E.ENAME, E.DEPTNO, D.DNAME
FROM EMP_0096 E
JOIN DEPT_0096 D ON E.DEPTNO = D.DEPTNO;
```

Problem 5.7: The organization wants to display only the details like empno,empname,deptno,deptname of the all the employees except the HOD and CEO . (full portioning)

```
SELECT E.EMPNO, E.ENAME, E.DEPTNO, D.DNAME
FROM EMP_0096 E
JOIN DEPT_0096 D ON E.DEPTNO = D.DEPTNO
WHERE E.JOB NOT IN ('CLERK', 'ANALYST');
```

Problem 5.8: Display all the views generated.

```
SELECT VIEW_NAME FROM USER_VIEWS;
```

Problem 5.9: Execute the DML commands on the view created.

a.

```
CREATE VIEW EMP_VIEW_0096 AS
SELECT EMPNO, ENAME, JOB, SAL, DEPTNO
FROM EMP_0096;
```

b.

```
INSERT INTO EMP_VIEW_0096 (EMPNO, ENAME, JOB, SAL, DEPTNO)
VALUES (7950, 'RAVI', 'CLERK', 1200, 30);
```

c.

```
UPDATE EMP_VIEW_0096
SET DEPTNO = 40
WHERE EMPNO = 7950;
```

d.

```
DELETE FROM EMP_VIEW_0096  
WHERE EMPNO = 7950;
```

Problem 5.10: Drop a view.

```
DROP VIEW EMP_VIEW_0096;
```