

PRACTICAL 10

10] Views :

1. Creating Views (with and without check option)-
 2. Selecting from a view-
 3. Dropping views-
-

PRACTICAL 10

```
SQL> CREATE TABLE Employee1439_10 (
  2      Emp_Id VARCHAR2(10) PRIMARY KEY,
  3      Emp_Name VARCHAR2(50),
  4      Department VARCHAR2(30),
  5      Salary NUMBER
  6  );

Table created.

SQL> INSERT INTO Employee1439_10 VALUES ('E101', 'Rajesh', 'IT', 50000);
1 row created.

SQL> INSERT INTO Employee1439_10 VALUES ('E102', 'Priya', 'HR', 45000);
1 row created.

SQL> INSERT INTO Employee1439_10 VALUES ('E103', 'Aman', 'IT', 60000);
1 row created.

SQL> INSERT INTO Employee1439_10 VALUES ('E104', 'Kajal', 'Finance', 55000);
1 row created.

SQL> INSERT INTO Employee1439_10 VALUES ('E105', 'Som', 'IT', 40000);
1 row created.

SQL>
SQL> SELECT * FROM Employee1439_10;

EMP_ID      EMP_NAME
DEPARTMENT          SALARY
-----  -----
E101        Rajesh
IT                  50000
E102        Priya
HR                  45000
E103        Aman
IT                  60000

EMP_ID      EMP_NAME
DEPARTMENT          SALARY
-----  -----
E104        Kajal
Finance            55000
E105        Som
IT                  40000
E106        Neelam
HR                  30000

6 rows selected.

SQL> SELECT COUNT(*) AS Total_Employees
  2  FROM Employee1439_10;

TOTAL_EMPLOYEES
-----
6

SQL> SELECT MAX(Salary) AS Max_Salary,
  2      MIN(Salary) AS Min_Salary,
  3      AVG(Salary) AS Avg_Salary
  4  FROM Employee1439_10;

MAX_SALARY MIN_SALARY AVG_SALARY
-----  -----
60000      30000    46666.6667

SQL> SELECT Department, SUM(Salary) AS Total_Salary
  2  FROM Employee1439_10
  3  GROUP BY Department;
```

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DEPARTMENT	TOTAL_SALARY
IT	150000
HR	75000
Finance	55000


```
SQL> SELECT Department, COUNT(*) AS No_of_Employees
  2  FROM Employee1439_18
  3  GROUP BY Department;
```


DEPARTMENT	NO_OF_EMPLOYEES
IT	3
HR	2
Finance	1


```
SQL> SELECT Department, SUM(Salary) AS Total_Salary
  2  FROM Employee1439_18
  3  GROUP BY Department
  4  HAVING SUM(Salary) > 100000;
```


DEPARTMENT	TOTAL_SALARY
IT	150000