

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> INSERT INTO Employee1439_10 VALUES ('E106', 'Neelam', 'HR', 30000);  
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;
```

PRACTICAL 10

DEPARTMENT	TOTAL_SALARY
IT	150000
HR	75000
Finance	55000

```
SQL> SELECT Department, COUNT(*) AS No_of_Employees
  2  FROM Employee1439_10
  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_10
  3  GROUP BY Department
  4  HAVING SUM(Salary) > 100000;
```

DEPARTMENT	TOTAL_SALARY
IT	150000