**QUERIES:-**

**1. OPERATORS:-**

1. Display the per day salary of each Employee.
2. Display the total monthly salary of each Employee.
3. Display the Annual salary of each Employee,
4. Display the details of employee who has salary more than 3000.
5. Display the details of employee who is working in department 10
6. Display the details of employee who is not working in department 20
7. Display the details of employee whose name is ‘BLAKE’
8. Display the details of employee who is working as ‘SALESMAN’ and have salary more than 1000
9. Display the details of employee who is working either as a ‘SALESMAN’ or ‘CLERK’.
10. Display the details of employee whose salary is less than equal to 1000.
11. Display the details of employee whose salary is Between 2000 to 5000
12. Display the details of employee whose name starts with S.
13. Display the details of employee whose name is “BLAKE”, “KING”, “CLARK”, “SMITH”.
14. Display the details of employee whose are hired in year 1981
15. Display the details of employee who joined in the month of ‘DEC’.
16. Display the details of employee whose has ‘A’ and ‘E’ in their name anywhere.
17. Display the Empno, Ename, Sal, of all employee working for Mgr 7698.
18. Display the details of employee those are having four characters and third character must be ‘R’ in their name.
19. Display the details of employee those all the Clerks of Deptno 20.
20. Display the details of employee those who joined before or after 1981.

**2. AGGREGATE FUNCTION:-**

1. Display the Maximum salary of each Employee.
2. Display the Minimum salary of each Employee.
3. Display the Total Salary in Employee table
4. Display the Average salary in employee table
5. Display the Total count of working employee in employee table
6. Display the Total count of commission in employee table.
7. Display the Maximum salary of each Employee for department no. 10
8. Display the Maximum salary of each Employee for department no. 20
9. Display the Maximum salary of each Employee for department no. 30

**3. GROUP BY CLAUSE:-**

1. Display the Maximum salary of Employee for each department
2. Display the Total count of employee working in each department
3. Display the Total count of Employee working as salesman in each department
4. Display the total count of employee in each designation.

**3. HAVING CLAUSE:-**

1. Display the Maximum salary of Employee for each department where the maximum salary should be more than equal to 3000
2. Display the Total count of employee working in each department where there should be at least more than 3 employees working in each department

**4. ORDER BY CLAUSE:-**

1. Display the Maximum salary of Employee for each department where the maximum salary should be more than equal to 3000 in Ascending order
2. Display the Total count of employee working in each department in the Descending order
3. Display the employee table in Descending order according to salary
4. Display the employee table in Ascending order according to salary
5. Display the Maximum salary of Employee for each department in descending order
6. Display the details of employees who are working in deptno 10 according in descending order

**5. SUBQUERY:-**

1. Display the details of Employee who has salary more than BLAKE.
2. Display the details of Employee who is working in CHICAGO.
3. Display the details of Employee who has 2nd highest salary.
4. Display the details of Employee who is working under or reporting to KING.
5. Display the details of Employee who has the minimum salary in each department.
6. Display the details of all the Employee in the same department as BLAKE. Exclude BLAKE in the result.
7. Display the details of all the Employee who work in a department with any employee whose name contains a T.
8. Display the details of all the Employee who is working in this all departments - “ACCOUNTING”, “OPERATION”, “SALES”.
9. Display the details of all the Employee who earn more than the average salary and who work in a department with any employee with a T in their name.
10. Display the details of all the Employee who earns salary LESS than the 4th highest salary.

**6.** **JOINS:-**

1. Display the details of Employee AND Department table using inner join
2. Display the details of Employee AND Department table using Right outer join
3. Display the details of Employee AND Department table using Left outer join
4. Display the details of Employee AND Department table using Full outer join