Task 3 : WRITING BASIC SELECT QUERIES :

1. Create Table :

CREATE TABLE employees (

   emp_id NUMBER PRIMARY KEY,

   first_name VARCHAR2(50),

   last_name VARCHAR2(50),

   department VARCHAR2(50),

   salary NUMBER

);

Output :

Table Created

2. Insert Data :

INSERT INTO employees VALUES (1, 'Amit', 'Sharma', 'IT', 50000);

INSERT INTO employees VALUES (2, 'Neha', 'Verma', 'HR', 35000);

INSERT INTO employees VALUES (3, 'Raj', 'Patel', 'Finance', 60000);

INSERT INTO employees VALUES (4, 'Sneha', 'Iyer', 'IT', 45000);

INSERT INTO employees VALUES (5, 'Karan', 'Mehta', 'Marketing', 30000);

Output :

Data Inserted

3.Show Data :

SELECT * FROM employees;

Output :
 Table

EMP_ID	FIRST_NAME	LAST_NAME	DEPARTMENT	SALARY
1	Amit	Sharma	IT	50000
2	Neha	Verma	HR	35000
3	Raj	Patel	Finance	60000
4	Sneha	Iyer	IT	45000
5	Karan	Mehta	Marketing	30000

4. Show Column :

SELECT first_name, salary FROM employees;

Output :

First_Name	Salary
Amit	50000
Neha	35000
Raj	60000
Sneha	45000
Karan	30000

5. Use Where :

SELECT * FROM employees
WHERE salary > 40000;

Output :

Emp_id	First_Name	Last_Name	Department	Salary
1	Amit	Sharma	IT	50000
3	Raj	Patel	Finance	60000
4	Sneha	Iyer	IT	45000

6. Use Or :

SELECT * FROM employees

WHERE department = 'HR' OR department = 'Finance';

Output :

Emp_id	First_Name	Last_Name	Department	Salary
2	Neha	Varma	HR	35000
3	Raj	Patel	Finance	60000

7. Use Like :

SELECT * FROM employees

WHERE first_name LIKE 'A%';

Output :

Emp_id	Fname	Lname	Dept	Salary
1	Amit	Sharma	IT	50000

8. Between And :

SELECT * FROM employees

WHERE salary BETWEEN 30000 AND 50000;

Output :

Emp_id	Fname	Lname	Dept	Salary
1	Amit	Sharma	IT	50000
2	Neha	Varma	HR	35000
4	Sneha	Iyer	IT	45000
5	Karan	Mehra	Marketing	30000

9. Order BY :

SELECT * FROM employees

ORDER BY salary;

Output :

Emp_id	Fname	Lname	Department	Salary
5	Karan	Mehra	Marketing	30000
2	Neha	Varma	HR	35000
4	Sneha	Iyer	IT	45000
1	Amit	Sharma	IT	45000

10. Order By

SELECT * FROM employees

ORDER BY salary DESC;

Output :

Emp_id	Fname	Lname	DEPT	Salary
3	Raj	Patel	Finance	60000
1	Amit	Sharma	IT	50000
4	Sneha	Iyer	IT	45000
2	Neha	Varma	HR	35000
5	Karan	Mehta	Marketing	30000