Table Name: employee

id	first_name	last_name	salary	dept_id	role
1	Rahul	Sharma	45000	1	IT_PROG
2	Pratik	Gajne	67000	2	ML_ENGG
3	Naresh	Bhatt	48000	1	IT_PROG
4	Nisha	Shetty	65000	1	IT_PROG
5	Vishal	Kumar	56000	2	TESTER
6	Niranjan	Pandey	43000	1	IT_PROG
7	Simran	Mehta	56000	1	SUPPORT
8	Vipul	Shekhawat	67000	2	SUPPORT
9	Binay	Gosh	32000	1	IT_PROG
10	Nitin	Rao	54000	2	TESTER

Table Name: Department

id	dept_name
1	IT
2	CS

1. Write a sql query to create view named as EmployeeView for those employee with role as "IT_PROG". EmployeeView. contains id, first_name, last_name, role.

2. Write a sql query to insert a new a new record in the EmployeeView as shown below.

Record to be inserted

id	first_name	last_name	salary	dept_id	role

11	Piyush	Bansal	52000	2	Data Analyst

3. Write a sql query to change the role of all employee from EmployeeView from "IT_PROG" to "IT_PROGRAMMER".

4. Write a query to delete a employee from EmployeeView with id=5.

Note: Please upload your solutions in PDF.

create database s;

use s;

Employee Table(Create and Insert)

CREATE TABLE employee (id INT PRIMARY KEY,first_name VARCHAR(50),last_name VARCHAR(50),salary DECIMAL(10, 2),dept_id INT, role VARCHAR(50));

INSERT INTO employee (id, first_name, last_name, salary, dept_id, role) VALUES

(1, 'Rahul', 'Sharma', 45000, 1, 'IT_PROG'),

(2, 'Pratik', 'Gajne', 67000, 2, 'ML_ENGG'),

(3, 'Naresh', 'Bhatt', 48000, 1, 'IT_PROG'),

(4, 'Nisha', 'Shetty', 65000, 1, 'IT_PROG'),

(5, 'Vishal', 'Kumar', 56000, 2, 'TESTER'),

(6, 'Niranjan', 'Pandey', 43000, 1, 'IT_PROG'),

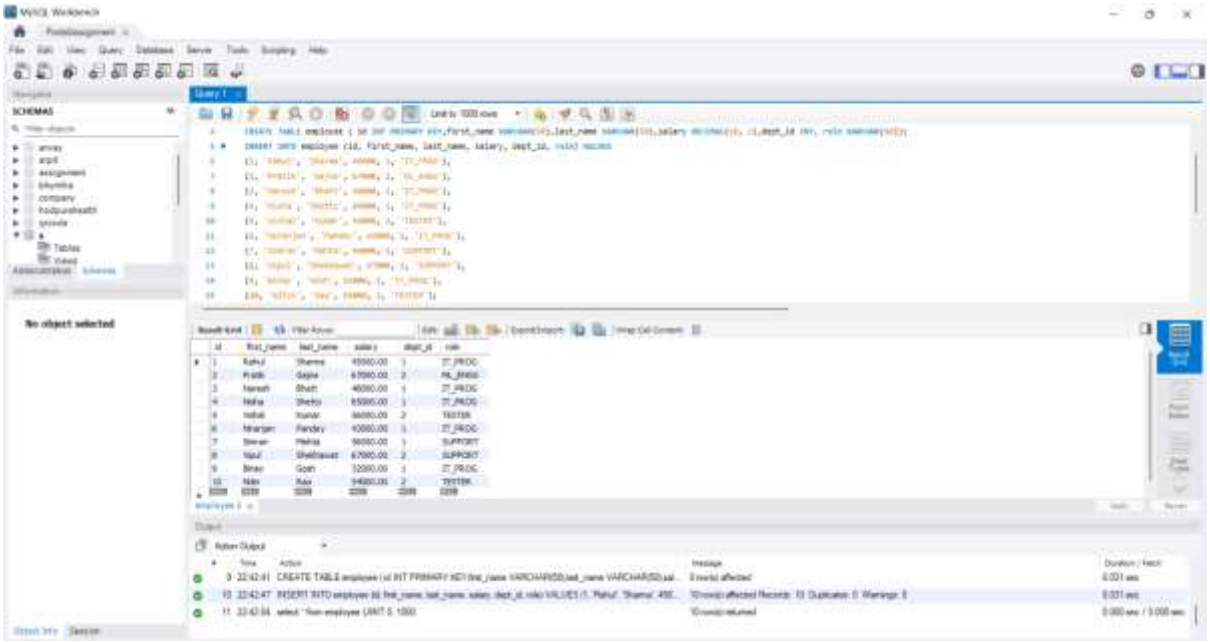
(7, 'Simran', 'Mehta', 56000, 1, 'SUPPORT'),

(8, 'Vipul', 'Shekhawat', 67000, 2, 'SUPPORT'),

(9, 'Binay', 'Gosh', 32000, 1, 'IT_PROG'),

(10, 'Nitin', 'Rao', 54000, 2, 'TESTER');

select * from employee;



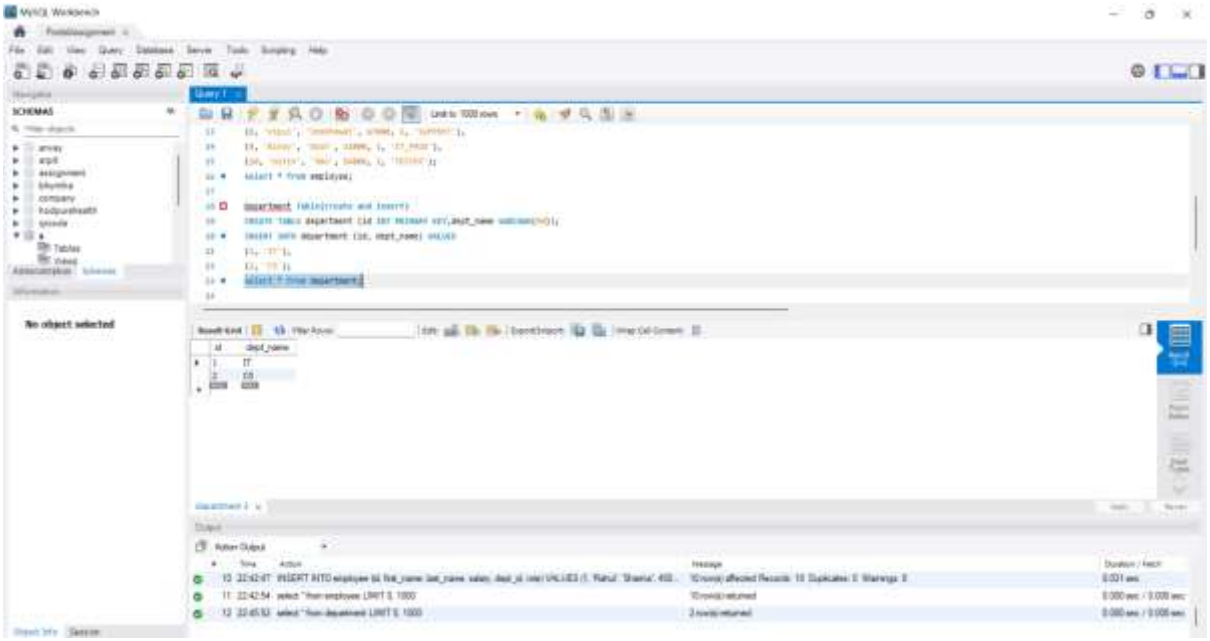
Department Table(Create and Insert)

CREATE TABLE department (id INT PRIMARY KEY,dept_name VARCHAR(50));

INSERT INTO department (id, dept_name) VALUES

(1, 'IT'),

(2, 'CS');



View----------

1. Write a sql query to create view named as EmployeeView for those employee with role as "IT_PROG". EmployeeView. contains id, first_name, last_name, role.

CREATE VIEW EmployeeView AS SELECT id, first_name, last_name, role FROM employee WHERE role = 'IT_PROG';

2. Write a sql query to insert a new a new record in the EmployeeView as shown below.

Record to be inserted

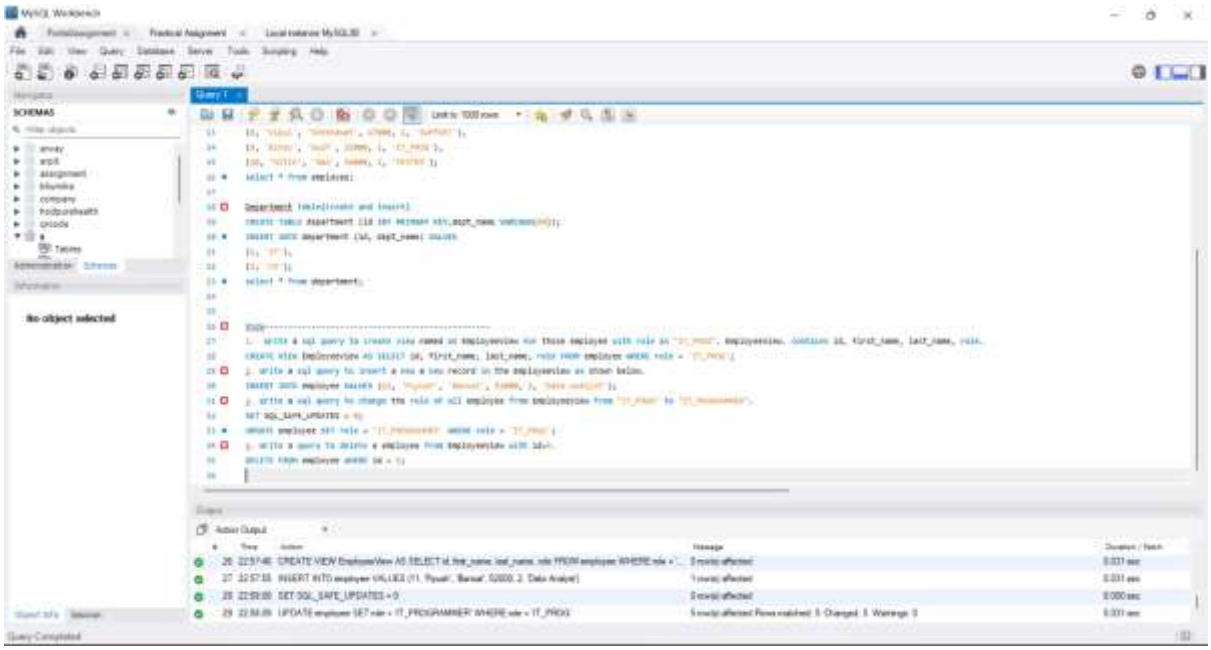
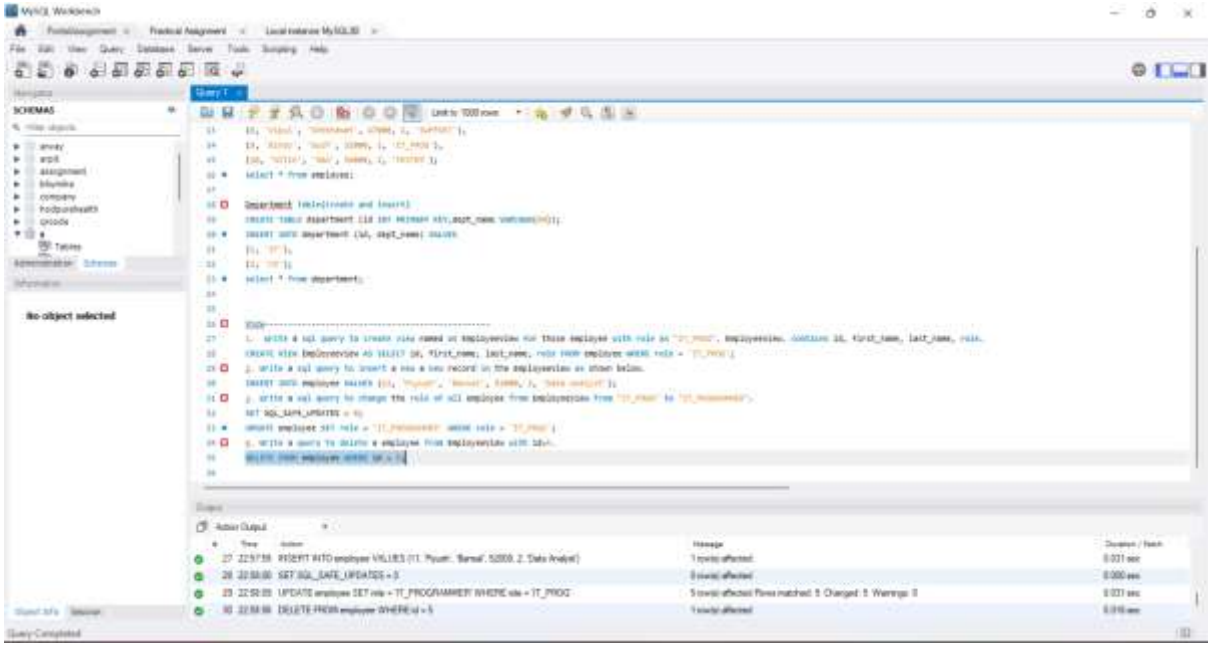
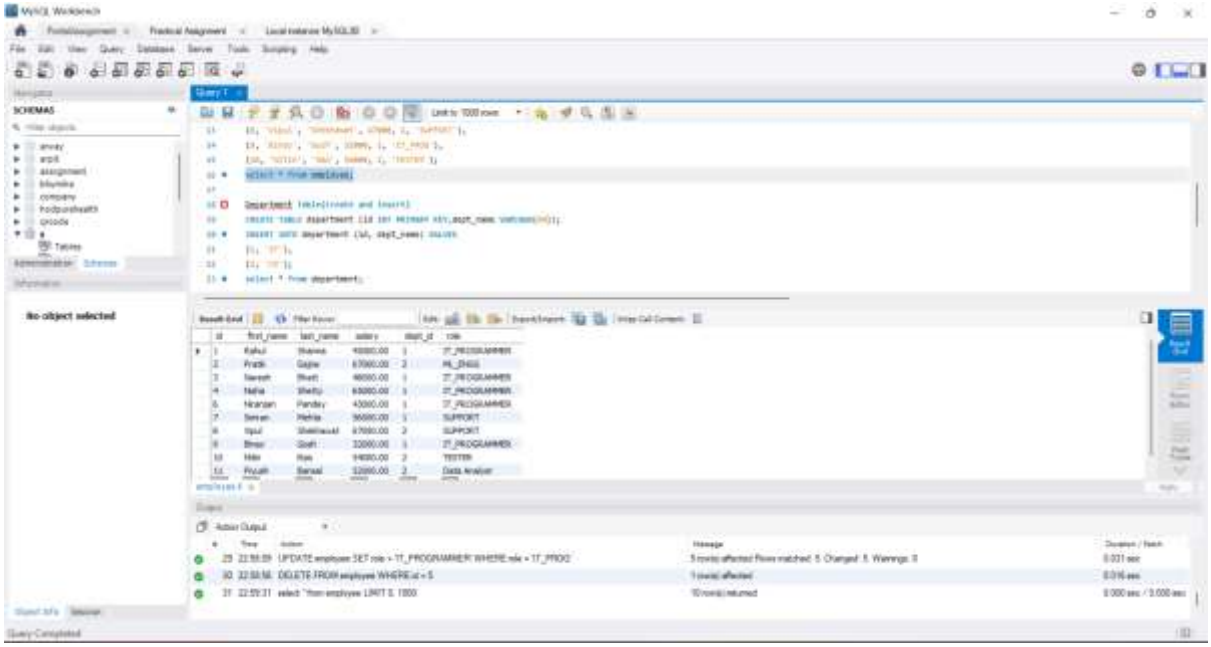
id	first_name	last_name	salary	dept_id	role
11	Piyush	Bansal	52000	2	Data Analyst

INSERT INTO employee VALUES (11, 'Piyush', 'Bansal', 52000, 2, 'Data Analyst');

3. Write a sql query to change the role of all employee from EmployeeView from "IT_PROG" to "IT_PROGRAMMER".

SET SQL_SAFE_UPDATES = 0;

UPDATE employee SET role = 'IT_PROGRAMMER' WHERE role = 'IT_PROG';

4. Write a query to delete a employee from EmployeeView with id=5.

DELETE FROM employee WHERE id = 5;