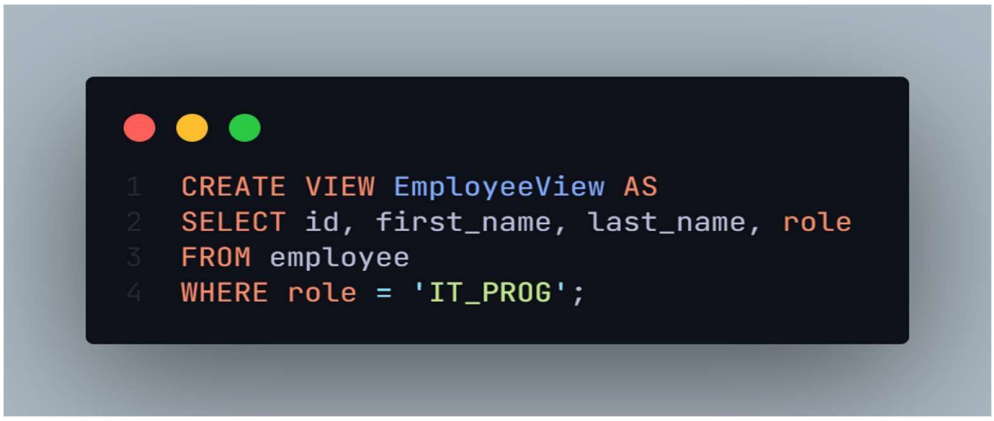
Table Name: employee

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.



```sql
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

```sql
insert into employeeview (id, first_name, last_name, salary, dept_id, role)
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".

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

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

```sql
DELETE FROM EmployeeView
WHERE id = 5;
```