

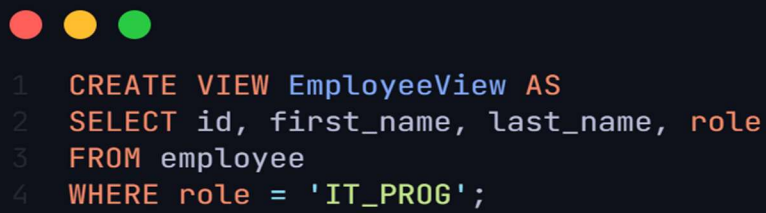
**Table Name:** employee

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.



```
1 CREATE VIEW EmployeeView AS
2 SELECT id, first_name, last_name, role
3 FROM employee
4 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

```
1 INSERT INTO employee (id, first_name, last_name, salary, dept_id, role)
2 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".

```
1 UPDATE employee
2 SET role = 'IT_PROGRAMMER'
3 WHERE role = 'IT_PROG';
```

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

```
1 DELETE FROM employee
2 WHERE id = 5;
```