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/*SQL Views Assignment*/

create database a_employee;

use a_employee;


create table Employee(

id int,

first_name varchar(10),

last_name varchar(10),

salary bigint,

dept_id int,

e_role varchar(20));


insert into Employee 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');


/*Task 1*/

create view EmployeeView as

select id,first_name,last_name,e_role from Employee

where e_role = 'IT_PROG';


select * from EmployeeView;


/*Task 2*/

insert into Employee values
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(11,'Piyush','Bansal',52000,2,'Data Analyst');


insert into EmployeeView values

(12,'AAA','BBB','IT_PROG');


/*Task 3*/

SET sql_safe_updates = 0;


update EmployeeView

set e_role = "IT_PROGRAMMER";


select * from  EmployeeView;


/*Task 4*/

delete from EmployeeView

where id = 4;


select * from EmployeeView;


/*End*/
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