Team 14
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In-class activity: MySQL views

General instructions:

This activity must be performed in assigned lightweight groups. You may refer to any material posted on Canvas or to the MySQL tutorial for syntax purposes.

Activity tasks:

You must execute all the queries using the "classic models" database that you have already imported and updated in the previous in-class activities.

(35 points) Create and update views

Create a new google document on the **UNCC** google drive for your solutions.

Important notes:

- Go to MySQL Workbench preferences -> SQL editor and **uncheck** the box that says "Safe Updates...".
- For questions that require you to create a view, include:
 - your view definition;
 - o a screenshot of the data in the view that gets created.
- For questions that require you to update a view, include:
 - your update statement;
 - a screenshot of the query/view with results;
 - o if the view is not updatable, explicit reasons why that is so;

- screenshots of data in tables/views related to the update.
- All columns in any views that you create must be named appropriately, using renaming clauses if and when necessary.
- 1. (4 points) Create a view called employee_info that shows all employees.
- 2. **(4 points)** Create a view called rance_employee_info that shows all employees who work in France.
- 3. **(4 points)** Create a view called **USA_employee_info** that shows all employees who work in France.
- 4. **(4 points)** Create a view called boston_employee_info that shows all employees who work in the Boston office.
- 5. **(4 points)** Create a view called D_customer_info that shows all customers where their names start with 'D'.
- 6. **(4 points)** Create a view called usa_customer_info that shows all customers who are not located in the USA.
- 7. **(4 points)** Create a view called product_info that product (s) whose buy price is in the range of \$20 and \$100.

Submission:

One member of each lightweight group must download a copy of the group's solution document and submit it via Canvas.

Question 1:

CREATE VIEW employee_info AS SELECT * FROM employees WITH CHECK OPTION;

```
DROP DATABASE IF EXISTS classicmodels;

USE classicmodels;

#1

DROP VIEW IF EXISTS employee_info;

CREATE VIEW employee_info

AS SELECT *

FROM employees

WITH CHECK OPTION;

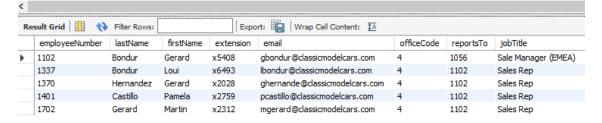
SELECT * FROM employee_info;
```

	employeeNumber	lastName	firstName	extension	email	officeCode	reportsTo	jobTitle
•	1002	Murphy	Diane	x5800	dmurphy@classicmodelcars.com	1	NULL	President
	1056	Patterson	Mary	x4611	mpatterso@classicmodelcars.com	1	1002	VP Sales
	1076	Firrelli	Jeff	x9273	jfirrelli@classicmodelcars.com	1	1002	VP Marketing
	1088	Patterson	William	x4871	wpatterson@classicmodelcars.com	6	1056	Sales Manager (APAC)
	1102	Bondur	Gerard	x5408	gbondur@classicmodelcars.com	4	1056	Sale Manager (EMEA)
	1143	Bow	Anthony	x5428	abow@classicmodelcars.com	1	1056	Sales Manager (NA)
	1165	Jennings	Leslie	x3291	ljennings@classicmodelcars.com	1	1143	Sales Rep
	1166	Thompson	Leslie	x4065	Ithompson@classicmodelcars.com	1	1143	Sales Rep
	1188	Firrelli	Julie	x2173	jfirrelli@classicmodelcars.com	2	1143	Sales Rep
	1216	Patterson	Steve	x4334	spatterson@classicmodelcars.com	2	1143	Sales Rep
	1286	Tseng	Foon Yue	x2248	ftseng@classicmodelcars.com	3	1143	Sales Rep
	1323	Vanauf	George	x4102	gvanauf@classicmodelcars.com	3	1143	Sales Rep
	1337	Bondur	Loui	x6493	lbondur@classicmodelcars.com	4	1102	Sales Rep
	1370	Hernandez	Gerard	x2028	ghernande@classicmodelcars.com	4	1102	Sales Rep
	1401	Castillo	Pamela	x2759	pcastillo@classicmodelcars.com	4	1102	Sales Rep
	1501	Bott	Larry	x2311	lbott@classicmodelcars.com	7	1102	Sales Rep
	1504	Jones	Barry	x102	bjones@classicmodelcars.com	7	1102	Sales Rep
	1611	Fixter	Andy	x101	afixter@classicmodelcars.com	6	1088	Sales Rep
	1612	Marsh	Peter	x102	pmarsh@classicmodelcars.com	6	1088	Sales Rep
	1619	King	Tom	x103	tking@classicmodelcars.com	6	1088	Sales Rep
	1621	Nishi	Mami	x101	mnishi@classicmodelcars.com	5	1056	Sales Rep
	1625	Kato	Yoshimi	x102	ykato@classicmodelcars.com	5	1621	Sales Rep
	1702	Gerard	Martin	x2312	mgerard@classicmodelcars.com	4	1102	Sales Rep

Question 2:

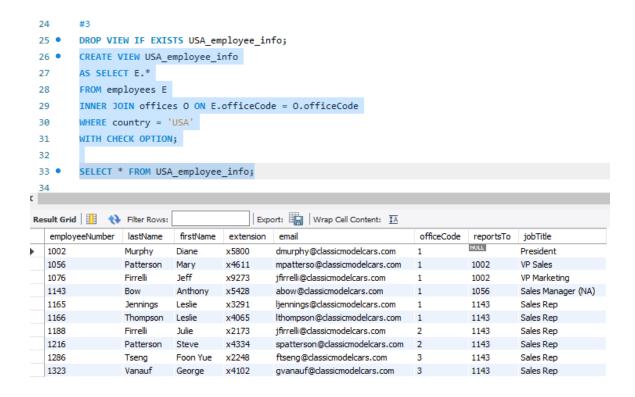
CREATE VIEW france_employee_info
AS SELECT *
FROM employees
WHERE country = 'France'
WITH CHECK OPTION;

```
13 #2
14 • DROP VIEW IF EXISTS france_employee_info;
15 • CREATE VIEW france_employee_info
16    AS SELECT E.*
17    FROM employees E
18    INNER JOIN offices O ON E.officeCode = O.officeCode
19    WHERE country = 'France'
20    WITH CHECK OPTION;
```



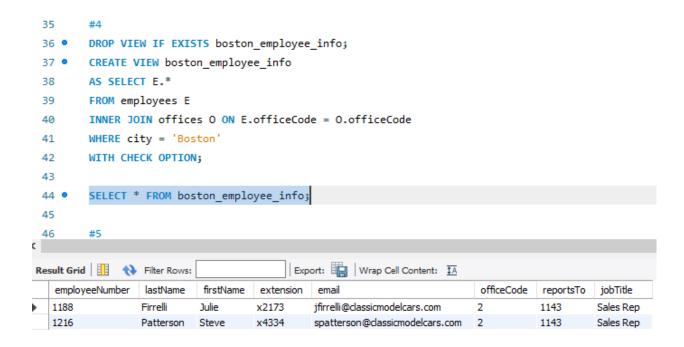
Question 3:

CREATE VIEW USA_employee_info AS SELECT * FROM employees WHERE country = 'USA'' WITH CHECK OPTION;



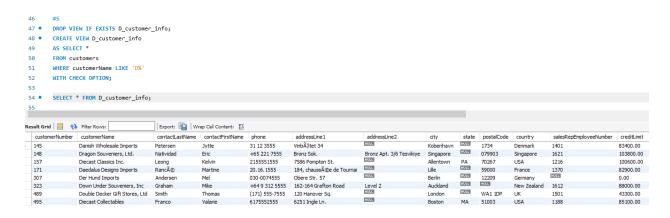
Question 4:

CREATE VIEW boston_employee_info AS SELECT * FROM employees WHERE city = 'Boston' WITH CHECK OPTION;



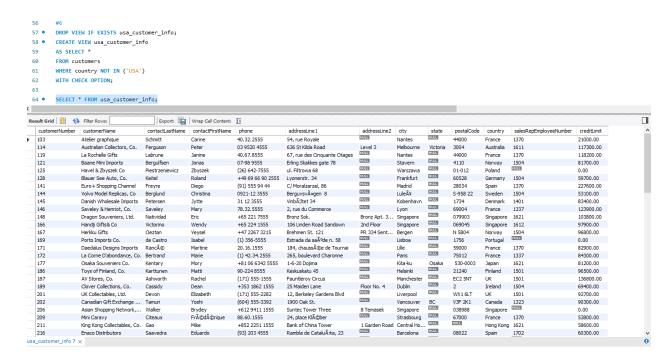
Question 5:

CREATE VIEW D_customer_info
AS SELECT *
FROM customers
WHERE customerName LIKE 'D%'
WITH CHECK OPTION;



Question 6:

CREATE VIEW usa_customer_info AS SELECT * FROM customers WHERE country NOT IN 'USA' WITH CHECK OPTION;



Question 7:

CREATE VIEW product_info
AS SELECT *
FROM products
WHERE buyPrice BETWEEN 20 AND 100
WITH CHECK OPTION;

