SQL-HandsOn3

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1. Write a query that Inserts a new actor into the database. Once you have completed the insert, write a query to view all information for that specific actor.
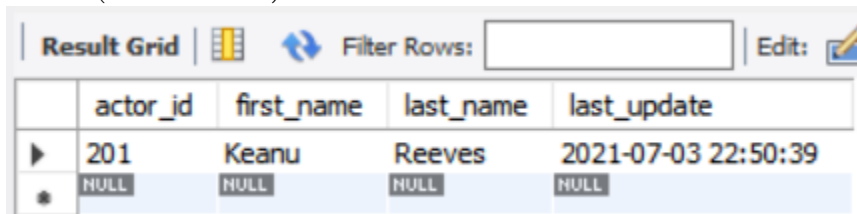
Query 1:
INSERT INTO sakila.actor
VALUES (201, "Keanu", "Reeves", "2021-07-03 07:57:00");

Query 2:
SELECT * FROM sakila.actor
WHERE actor_id = 201;

Results (1 row returned):

2. Write a query to Update the actor that you just inserted. Give your new actor a first_name of Emmy and a last_name of Rock. When you have completed that update, run another query to see your updated employee.

Tip! Make sure only to update your specific employee. Don't update all employees!
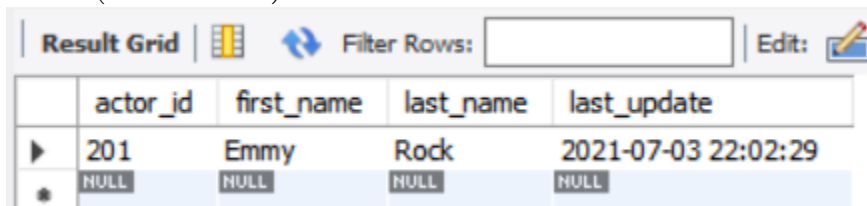
Query 1:
UPDATE sakila.actor
SET first_name = "Emmy", last_name = "Rock"
WHERE actor_id = 201;

Query 2:
SELECT * FROM sakila.actor
WHERE actor_id = 201;

Results (1 row returned):

3. Write a query that finds all staff that do not have a value specified for password.
Query:
SELECT * FROM sakila.staff
WHERE password IS NULL;

Results (1 row returned):

	staff_id	first_name	last_name	address_id	picture	email	store_id	active	username	password	last_update
▶	2	Jon	Stephens	4	NULL	Jon.Stephens@sakilastaff.com	2	1	Jon	NULL	2006-02-15 03:57:16
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

4. Write a query that finds all staff's information that has a value for first_name and store_id.
Query:
SELECT * FROM sakila.staff
WHERE first_name IS NOT NULL and store_id IS NOT NULL;

Results (2 rows returned):

	staff_id	first_name	last_name	address_id	picture	email	store_id	active	username	password	last_update
▶	1	Mike	Hillyer	3	BLOB	Mike.Hillyer@sakilastaff.com	1	1	Mike	8cb2237d0679ca88db6464eac60da96345513964	2006-02-15 03:57:16
	2	Jon	Stephens	4	NULL	Jon.Stephens@sakilastaff.com	2	1	Jon	NULL	2006-02-15 03:57:16
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

5. Write a query that updates all people with a Null value in the address2 column. If the district is Alberta, put address2 as Canada, and if the district is QLD, put Australia.

Tip! Even if you get an error because of permissions, include screenshots of your code and it won't count against you.

Query 1:
UPDATE sakila.address
SET address2 = "Canada"
WHERE district = "Alberta";

Query 2:
UPDATE sakila.address
SET address2 = "Australia"
WHERE district = "QLD";

Query 3:
SELECT * FROM sakila.address;

Results (603 rows returned):

address_id	address	address2	district	city_id	postal_code	phone	location	last_update
1	47 MySakila Drive	Canada	Alberta	300			BLOB	2021-07-03 22:45:03
2	28 MySQL Boulevard	Australia	QLD	576			BLOB	2021-07-03 22:45:09
3	23 Workhaven Lane	Canada	Alberta	300		14033335568	BLOB	2021-07-03 22:45:03
4	1411 Lillydale Drive	Australia	QLD	576		6172235589	BLOB	2021-07-03 22:45:09
5	1913 Hanoi Way		Nagasaki	463	35200	28303384290	BLOB	2014-09-25 22:31:53
6	1121 Loja Avenue		California	449	17886	838635286649	BLOB	2014-09-25 22:34:01
7	692 Joliet Street		Attika	38	83579	448477190408	BLOB	2014-09-25 22:31:07
8	1566 Inegl Manor		Mandalay	349	53561	705814003527	BLOB	2014-09-25 22:32:18
9	53 Idfu Parkway		Nantou	361	42399	10655648674	BLOB	2014-09-25 22:33:16
10	1795 Santiago de Compostela Way		Texas	295	18743	860452626434	BLOB	2014-09-25 22:33:55
11	900 Santiago de Compostela Park...		Central ...	280	93896	716571220373	BLOB	2014-09-25 22:34:11
12	478 Joliet Way		Hamilton	200	77948	657282285970	BLOB	2014-09-25 22:32:22

address 10 ×

To execute these queries, I followed these steps suggested in StackOverflow:
1. Edit --> Preferences
2. Click "SQL Editor" tab and uncheck "Safe Updates" check box
3. Query --> Reconnect to Server // logout and then login
4. Execute the SQL query