

Lab SQL Queries 2.6

USE sakila;

#1. Get release years.
2006

#2. Get all films with ARMAGEDDON in the title.

	title
▶	ARMAGEDDON LOST
	LADYBUGS ARMAGEDDON
	METAL ARMAGEDDON
	MOSQUITO ARMAGEDDON
	STAGECOACH ARMAGEDDON
	STEERS ARMAGEDDON

#3. Get all films which title ends with APOLLO.

	title
▶	SALUTE APOLLO
	SCORPION APOLLO
	TEEN APOLLO
	WEDDING APOLLO
	WILD APOLLO

#4. Get 10 the longest films.

	title	length
▶	DARN FORRESTER	185
	POND SEATTLE	185
	CHICAGO NORTH	185
	MUSCLE BRIGHT	185
	WORST BANGER	185
	GANGS PRIDE	185
	SOLDIERS EVOLUTION	185
	HOME PITY	185
	SWEET BROTHERHOOD	185
	CONTROL ANTHEM	185

#5. How many films include **Behind the Scenes** content?
538

#6. Drop column `picture` from `staff`.

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

#7. A new person is hired to help Jon. Her name is TAMMY SANDERS, and she is a customer. Update the database accordingly.

	staff_id	first_name	last_name	address_id	email	store_id	active	username	password	last_update
▶	1	Mike	Hillyer	3	Mike.Hillyer@sakilastaff.com	1	1	Mike	8cb2237d0679ca88db6464eac60da96345513964	2006-02-15 03:57:16
	2	Jon	Stephens	4	Jon.Stephens@sakilastaff.com	2	1	Jon	NULL	2006-02-15 03:57:16
	3	TAMMY	SANDERS	79	TAMMY.SANDERS@sakilacustomer.org	2	1	tammy	NULL	2023-01-25 14:49:23
•	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

#8. Add rental for movie "Academy Dinosaur" by Charlotte Hunter from Mike Hillyer at Store 1.

You can use current date for the `rental_date` column in the `rental` table.

****Hint****: Check the columns in the table rental and see what information you would need to add there.

#You can query those pieces of information. For eg., you would notice that you need `customer_id` information as well. To get that you can use the following query:

-- get customer_id of Charlotte Hunter

select customer_id from sakila.customer where first_name = 'CHARLOTTE' and last_name = 'HUNTER';

	rental_id	rental_date	inventory_id	customer_id	return_date	staff_id	last_update
	10568	2005-08-01 13:17:28	3009	130	2005-08-08 17:04:28	1	2006-02-15 21:30:53
	10645	2005-08-01 15:52:01	3864	130	2005-08-09 18:58:01	1	2006-02-15 21:30:53
	11811	2005-08-17 11:59:18	195	130	2005-08-18 09:13:18	2	2006-02-15 21:30:53
	12094	2005-08-17 22:31:04	1050	130	2005-08-23 22:45:04	1	2006-02-15 21:30:53
	12777	2005-08-18 23:39:22	3467	130	2005-08-27 20:28:22	1	2006-02-15 21:30:53
	14111	2005-08-21 00:59:01	1294	130	2005-08-22 20:43:01	2	2006-02-15 21:30:53
	15574	2005-08-23 05:29:32	3253	130	2005-09-01 01:25:32	2	2006-02-15 21:30:53
	15777	2005-08-23 13:29:08	4241	130	2005-08-27 18:50:08	2	2006-02-15 21:30:53
	16050	2023-01-25 15:17:51	1	130	NULL	1	2023-01-25 15:17:51

9. Delete non-active users, but first, create a `_backup` table `deleted_users` to store `customer_id`, `email`, and the `date` for the users that would be deleted.

Deleted users table:

