**Instructions**

1. Get release years.

*SELECT DISTINCT(release\_year)*

*FROM sakila.film;*

1. Get all films with ARMAGEDDON in the title.

*SELECT title*

*FROM sakila.film*

*WHERE title like '%ARMAGEDDON%'*

1. Get all films which title ends with APOLLO.

*SELECT title*

*FROM sakila.film*

*WHERE title like '%APOLLO'*

1. Get 10 the longest films.

*SELECT title, length*

*FROM sakila.film*

*ORDER BY length DESC*

*LIMIT 10*

1. How many films include **Behind the Scenes** content?

*SELECT COUNT(special\_features)*

*FROM sakila.film*

*WHERE special\_features like '%Behind the Scenes%'*

1. Drop column picture from staff.

*ALTER TABLE staff*

*DROP COLUMN picture;*

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

*#SELECT first\_name, last\_name, email, address\_id*

*#from customer*

*#where first\_name = 'Tammy'*

*INSERT INTO sakila..staff (first\_name, last\_name, email, address\_id, store\_id, username)*

*Values (‘Tammy’, ‘Sanders’,’tammy.sanders@sakilacustomer.org’,79,2,’tammy’ )*

*#check if values are there*

*SELECT first\_name, last\_name*

*from staff*

*where first\_name = 'Tammy'*

1. 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:

select customer\_id from sakila.customer

where first\_name = 'CHARLOTTE' and last\_name = 'HUNTER';

Use similar method to get inventory\_id, film\_id, and staff\_id.

*# get customer\_id*

*select customer\_id*

*from sakila.customer*

*where first\_name = ‘CHARLOTTE’ and last\_name = ‘HUNTER’;*

*#get filmID*

*select film\_id*

*from sakila.customer*

*where title = ‘ACADEMY DINOSAUR’;*

*#get inventory id*

*select inventory\_id*

*from sakila.inventory*

*where film\_id = 1;*

*#get staff\_id*

*select staff\_id*

*from sakila.staff*

*where store\_id = 1;*

1. 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. Follow these steps:
   * Check if there are any non-active users
   * Create a table *backup table* as suggested
   * Insert the non active users in the table *backup table*
   * Delete the non active users from the table *customer*

*select \**

*from sakila.customer*

*where active = 0;*

*drop table if exists deleted\_users;*

*CREATE TABLE deleted\_users (*

*customer\_id int UNIQUE NOT NULL,*

*email varchar(255) UNIQUE NOT NULL,*

*delete\_date date*

*);*

*INSERT INTO deleted\_users*

*SELECT customer\_id, email, curdate()*

*FROM sakila.customer*

*WHERE active = 0;*

*SELECT \* FROM deleted\_users;*

*DELETE FROM sakila.customer where active = 0;*

*#check after deleting*

*SELECT \* FROM sakila.customer*

*where active = 0;*