# SQL-HandsOn1

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## Part 1

Run the following queries:

### 1. Query all columns for actors with the first name of "Cuba".

Query:

SELECT * FROM sakila.actor WHERE first_name = "Cuba";

Results (3):

| actor_id | first_name | last_name | last_update |
|---|---|---|---|
| 15 | CUBA | OLIVIER | 2006-02-15 04:34:33 |
| 118 | CUBA | ALLEN | 2006-02-15 04:34:33 |
| 189 | CUBA | BIRCH | 2006-02-15 04:34:33 |
| NULL | NULL | NULL | NULL |

### 2. Query the film title and film id that has an film_id greater than 5 and less than 20.

Query:

SELECT title, film_id FROM sakila.film WHERE film_id > 5 AND film_id < 20;

Results (14):

| title | film_id |
|---|---|
| AGENT TRUMAN | 6 |
| AIRPLANE SIERRA | 7 |
| AIRPORT POLLOCK | 8 |
| ALABAMA DEVIL | 9 |
| ALADDIN CALENDAR | 10 |
| ALAMO VIDEOTAPE | 11 |
| ALASKA PHANTOM | 12 |
| ALI FOREVER | 13 |
| ALICE FANTASIA | 14 |
| ALIEN CENTER | 15 |
| ALLEY EVOLUTION | 16 |
| ALONE TRIP | 17 |
| ALTER VICTORY | 18 |
| AMADEUS HOLY | 19 |
| NULL | NULL |

3. Query the first and last name, and email of customers who have the last name "Rodriguez" or their last name begins with a "Mc".

Query:
SELECT first_name, last_name, email FROM sakila.customer WHERE last_name = "Rodriguez" OR last_name LIKE "Mc%";

Results (12):

| Result Grid | | Filter Rows: | Export: | Wrap Cell Content: |

| first_name | last_name | email |
| --- | --- | --- |
| ALFREDO | MCADAMS | ALFREDO.MCADAMS@sakilacustomer.org |
| RENE | MCALISTER | RENE.MCALISTER@sakilacustomer.org |
| MORRIS | MCCARTER | MORRIS.MCCARTER@sakilacustomer.org |
| JESUS | MCCARTNEY | JESUS.MCCARTNEY@sakilacustomer.org |
| VERA | MCCOY | VERA.MCCOY@sakilacustomer.org |
| RICHARD | MCCRARY | RICHARD.MCCRARY@sakilacustomer.org |
| BRAD | MCCURDY | BRAD.MCCURDY@sakilacustomer.org |
| EDITH | MCDONALD | EDITH.MCDONALD@sakilacustomer.org |
| SAM | MCDUFFIE | SAM.MCDUFFIE@sakilacustomer.org |
| MIRIAM | MCKINNEY | MIRIAM.MCKINNEY@sakilacustomer.org |
| RAYMOND | MCWHORTER | RAYMOND.MCWHORTER@sakilacustome... |
| LAURA | RODRIGUEZ | LAURA.RODRIGUEZ@sakilacustomer.org |

4. Query all columns of the films with a title that begins with "a".

Query:

SELECT * FROM sakila.film WHERE title LIKE 'a%';

Results (97):



5. Query all titles of films that are not in the language of English or Japanese.

Query:

SELECT title from sakila.film WHERE language_id NOT IN(SELECT language_id from sakila.language WHERE name = "English" OR name = "Japanese");

Results (0):

## Part 2

Below is a real-life scenario. Please read this scenario and run the appropriate queries needed.

You were just hired at a company as a data analyst, and your company needs some information from the database.

1. They would like to see all payments that had a rental amount is over .99 cents. However, they only want to see the rental id and payment date that is attached to that payment.
   Query:
   SELECT rental_id, payment_date FROM sakila.payment WHERE amount > 0.99;

Results (98):

| rental_id | payment_date |
| --- | --- |
| 76 | 2005-05-25 11:30:37 |
| 1185 | 2005-06-15 00:54:12 |
| 1476 | 2005-06-15 21:08:46 |
| 1725 | 2005-06-16 15:18:57 |
| 2308 | 2005-06-18 08:41:48 |
| 3284 | 2005-06-21 06:24:45 |
| 4526 | 2005-07-08 03:17:05 |
| 4611 | 2005-07-08 07:33:56 |
| 5244 | 2005-07-09 13:24:07 |
| 5326 | 2005-07-09 16:38:01 |
| 6163 | 2005-07-11 10:13:46 |
| 7273 | 2005-07-27 11:31:22 |
| 7841 | 2005-07-28 09:04:45 |
| 8033 | 2005-07-28 16:18:23 |
| 8326 | 2005-07-29 03:58:49 |
| 9571 | 2005-07-31 02:42:18 |
| 10437 | 2005-08-01 08:51:04 |
| 11299 | 2005-08-02 15:36:52 |
| 11824 | 2005-08-17 12:37:54 |

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2. Once you have finished that, they would like to see the staff id and customer id from the payments that have an amount over .99 cents.
Query:
SELECT staff_id, customer_id FROM sakila.payment WHERE amount > 0.99;

Results(99):

| staff_id | customer_id |
|----------|-------------|
| 1 | 1 |
| 1 | 1 |
| 2 | 1 |
| 1 | 1 |
| 1 | 1 |
| 1 | 1 |
| 2 | 1 |
| 1 | 1 |
| 1 | 1 |
| 1 | 1 |
| 1 | 1 |
| 2 | 1 |
| 1 | 1 |
| 2 | 1 |
| 2 | 1 |
| 2 | 1 |
| 2 | 1 |
| 2 | 1 |
| 2 | 1 |

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