

For your Lesson 1 Practice Hands-On, you will be working with your new knowledge on SQL queries. This Hands-On will **not** be graded, but we encourage you to complete it. The best way to become great at working with databases is to practice! Once you have submitted your project, you will be able to access the solution on the next page. Please read through the below setup instructions before starting your project.

## Setup

This Hands-On is structured into two parts, and each part may ask you to run multiple queries. After each query, please take a screenshot of the MySQL Workbench output and add it to a Word document (or an equivalent) and name this file `SQL-HandsOn1`. This way, you will be able to submit your answers to each part all at once.

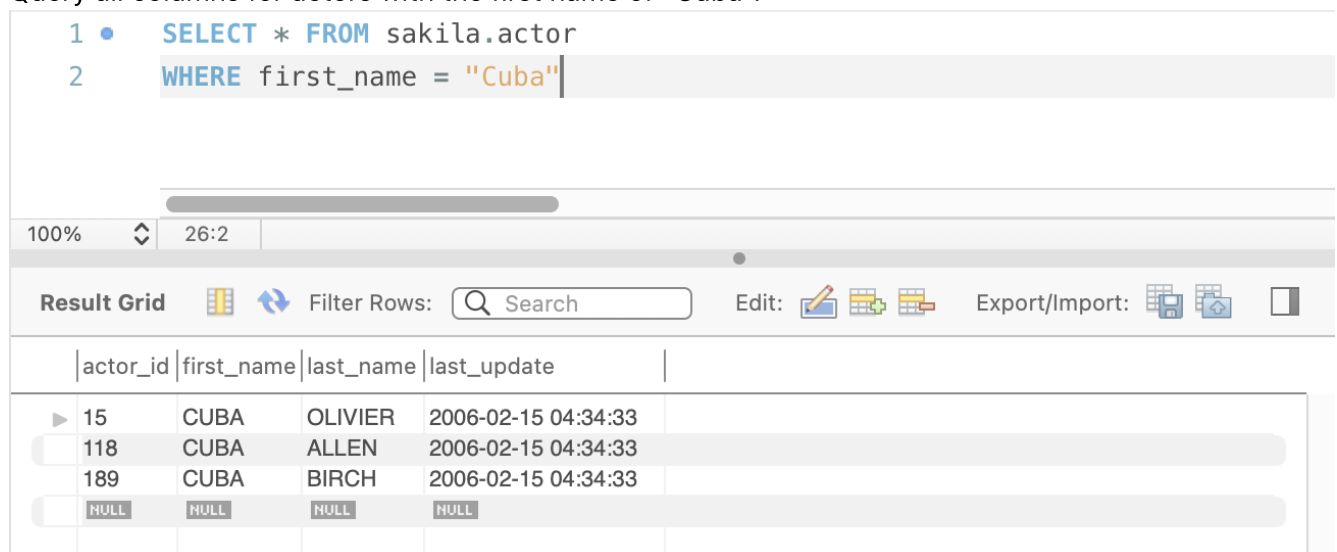
It is also recommended that you start with a fresh copy of the `sakila` database within MySQL Workbench. This will ensure that nothing you did during the lesson will impact the output of the queries you run for this Hands-On. Please download the `sakila` database [here](#).

Now you are ready to get started! Good luck!

## Part 1

Run the following queries:

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



The screenshot shows the MySQL Workbench interface. The SQL editor contains the following query:

```
1 • SELECT * FROM sakila.actor
2 WHERE first_name = "Cuba"
```

Below the editor, the **Result Grid** displays the query results. The grid has columns for `actor_id`, `first_name`, `last_name`, and `last_update`. The results are as follows:

	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.

```
1 • SELECT title FROM sakila.film
2 WHERE film_id > 5 AND film_id < 20
```

100% 35:2

Result Grid Filter Rows: Search Export:

title
▶ AGENT TRUMAN
◻ AIRPLANE SIERRA
AIRPORT POLLOCK
◻ ALABAMA DEVIL
ALADDIN CALENDAR
◻ ALAMO VIDEOTAPE
ALASKA PHANTOM
◻ ALI FOREVER
ALICE FANTASIA
◻ ALIEN CENTER
ALLEY EVOLUTION
◻ ALONE TRIP
ALTER VICTORY
◻ AMADEUS HOLY

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".

```
1 • SELECT first_name, last_name, email FROM sakila.customer
2 WHERE last_name = "Rodriguez" OR last_name LIKE "Mc%"
```

100% 48:2

Result Grid Filter Rows: Search Export:

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@sakilacustom...
◻ LAURA	RODRIGUEZ	LAURA.RODRIGUEZ@sakilacustomer.org

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

```
1 • SELECT * FROM sakila.film
2 WHERE title LIKE "a%"
```

100% 22:2

Result Grid



Filter Rows:



Search

Edit:



Export/Import:



	film_id	title	description	release_year	language_id	or
▶	1	ACADEMY DINOSAUR	A Epic Drama of a Feminist And a Mad Scientist...	2006	1	N
	2	ACE GOLDFINGER	A Astounding Epistle of a Database Administrat...	2006	1	N
	3	ADAPTATION HOLES	A Astounding Reflection of a Lumberjack And a...	2006	1	N
	4	AFFAIR PREJUDICE	A Fanciful Documentary of a Frisbee And a Lum...	2006	1	N
	5	AFRICAN EGG	A Fast-Paced Documentary of a Pastry Chef An...	2006	1	N
	6	AGENT TRUMAN	A Intrepid Panorama of a Robot And a Boy who...	2006	1	N
	7	AIRPLANE SIERRA	A Touching Saga of a Hunter And a Butler who...	2006	1	N
	8	AIRPORT POLLOCK	A Epic Tale of a Moose And a Girl who must Co...	2006	1	N
	9	ALABAMA DEVIL	A Thoughtful Panorama of a Database Administ...	2006	1	N
	10	ALADDIN CALENDAR	A Action-Packed Tale of a Man And a Lumberjac...	2006	1	N
	11	ALAMO VIDEOTAPE	A Boring Epistle of a Butler And a Cat who must...	2006	1	N
	12	ALASKA PHANTOM	A Fanciful Saga of a Hunter And a Pastry Chef...	2006	1	N
	13	ALI FOREVER	A Action-Packed Drama of a Dentist And a Croc...	2006	1	N
	14	ALICE FANTASIA	A Emotional Drama of a A Shark And a Databas...	2006	1	N
	15	ALIEN CENTER	A Brilliant Drama of a Cat And a Mad Scientist w...	2006	1	N
	16	ALLEY EVOLUTION	A Fast-Paced Drama of a Robot And a Compos...	2006	1	N
	17	ALONE TRIP	A Fast-Paced Character Study of a Composer A...	2006	1	N
	18	ALTER VICTORY	A Thoughtful Drama of a Composer And a Femi...	2006	1	N
	19	AMADEUS HOLY	A Emotional Display of a Pioneer And a Technic...	2006	1	N
	20	AMELIE HELLFIGHTERS	A Boring Drama of a Woman And a Squirrel wh...	2006	1	N
	21	AMERICAN CIRCUS	A Insightful Drama of a Girl And a Astronaut wh...	2006	1	N
	22	AMISTAD MIDSUMMER	A Emotional Character Study of a Dentist And a...	2006	1	N
	23	ANACONDA CONFESSIONS	A Lacklusture Display of a Dentist And a Dentist...	2006	1	N
	24	ANALYZE HOOSIERS	A Thoughtful Display of a Explorer And a Pastry...	2006	1	N
	25	ANGELS LIFE	A Thoughtful Display of a Woman And a Astrona...	2006	1	N
	26	ANNIE IDENTITY	A Amazing Panorama of a Pastry Chef And a B...	2006	1	N
	27	ANONYMOUS HUMAN	A Amazing Reflection of a Database Administrat...	2006	1	N
	28	ANTHEM LUKE	A Touching Panorama of a Waitress And a Wom...	2006	1	N
	29	ANTITRUST TOMATOES	A Fateful Yarn of a Womanizer And a Feminist...	2006	1	N
	30	ANYTHING SAVANNAH	A Epic Story of a Pastry Chef And a Woman wh...	2006	1	N
	31	APACHE DIVINE	A Awe-Inspiring Reflection of a Pastry Chef And...	2006	1	N
	32	APOCALYPSE FLAMINGOS	A Astounding Story of a Dog And a Squirrel who...	2006	1	N
	33	APOLLO TEEN	A Action-Packed Reflection of a Crocodile And a...	2006	1	N
	34	ARABIA DOGMA	A Touching Epistle of a Madman And a Mad Co...	2006	1	N
	35	ARACHNOPHOBIA ROLLE...	A Action-Packed Reflection of a Pastry Chef An...	2006	1	N
	36	ARGONAUTS TOWN	A Emotional Epistle of a Forensic Psychologist...	2006	1	N
	37	ARIZONA BANG	A Brilliant Panorama of a Mad Scientist And a M...	2006	1	N
	38	ARK RIDGEMONT	A Beautiful Yarn of a Pioneer And a Monkey wh...	2006	1	N
	39	ARMAGEDDON LOST	A Fast-Paced Tale of a Boat And a Teacher who...	2006	1	N
	40	ARMY FLINTSTONES	A Boring Saga of a Database Administrator And...	2006	1	N
	41	ARSENIC INDEPENDENCE	A Fanciful Documentary of a Mad Cow And a W...	2006	1	N
	42	ARTIST COLDBLOODED	A Stunning Reflection of a Robot And a Moose...	2006	1	N

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

```
1 • SELECT title FROM sakila.film
2 WHERE language_id
3 IN (SELECT language_id FROM sakila.language WHERE name != "english" OR name != "japanese")
```

100%	18:2
Result Grid	Filter Rows: Search
Export:	
title	
ADAPTATION HOLES	
AFFAIR PREJUDICE	
AFRICAN EGG	
AGENT TRUMAN	
AIRPLANE SIERRA	
AIRPORT POLLOCK	
ALABAMA DEVIL	
ALADDIN CALENDAR	
ALAMO VIDEOTAPE	
ALASKA PHANTOM	
ALI FOREVER	
ALICE FANTASIA	
ALIEN CENTER	
ALLEY EVOLUTION	
ALONE TRIP	
ALTER VICTORY	
AMADEUS HOLY	
AMELIE HELLFIGHTERS	
AMERICAN CIRCUS	
AMISTAD MIDSUMMER	
ANACONDA CONFESSIONS	
ANALYZE HOOSIERS	
ANGELS LIFE	
ANNIE IDENTITY	
ANONYMOUS HUMAN	
ANTHEM LUKE	
ANTITRUST TOMATOES	
ANYTHING SAVANNAH	
APACHE DIVINE	
APOCALYPSE FLAMINGOS	
APOLLO TEEN	
ARABIA DOGMA	
ARACHNOPHOBIA ROLLE...	
ARGONAUTS TOWN	

## 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. They would like to see all payments that had a **rental amount over .99 cents**. However, they only want to see the **rental id** and **payment date** that is attached to that payment. 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 1

```
mysql 1 MySQL | v
2  /* QUERY 1
3     database: sakila.payment
4     rental_id
5     payment_date
6     amount */
7
8  SELECT rental_id, payment_date FROM sakila.payment
9  WHERE amount > 0.99
```

## Query 2

```
MySQL | v
1  /* QUERY 2
2     database: sakila.payment
3     staff_id
4     customer_id
5     amount */
6
7  SELECT staff_id, customer_id /*, amount */ FROM sakila.payment
8  WHERE amount < 0.99
```

## Tip!

You will need to complete two queries.

## Caution!

Be sure to zip and submit your [SQL-HandsOn1](#) Word document when finished! You will not be able to re-submit, so be sure all necessary screenshots to each part are located within this document.