

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):

Result Grid	Filter Rows:	Edit:	Export/Import:	Wrap Cell Content:
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):




Result Grid	Filter Rows:	Edit:	Export/Import:	Wrap Cell Content:
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: <input type="text"/> 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):

film_id	title	description	release_year	language_id	original_language_id	rental_duration	rental_rate	length	replacement_cost	rating	special_features
1	ACADEMY DINOSAUR	A Epic Drama of a Feminist And a Mad Scientist ...	2006	1	ENGLISH	6	0.99	86	20.99	PG	Deleted Scenes,Behind the Scenes
2	ACE GOLDFINGER	A Astounding Epistle of a Database Administrat...	2006	1	ENGLISH	3	4.99	48	12.99	G	Trailers,Deleted Scenes
3	ADAPTATION HOLES	A Astounding Reflection of a Lumberjack And a ...	2006	1	ENGLISH	7	2.99	50	18.99	NC-17	Trailers,Deleted Scenes
4	AFFAIR PREJUDICE	A Fanciful Documentary of a Frisbee And a Lum...	2006	1	ENGLISH	5	2.99	117	26.99	G	Commentaries,Behind the Scenes
5	AFRICAN EGG	A Fast-Paced Documentary of a Pastry Chef An...	2006	1	ENGLISH	6	2.99	130	22.99	G	Deleted Scenes
6	AGENT TRUMAN	A Intrepid Panorama of a Robot And a Boy who...	2006	1	ENGLISH	3	2.99	169	17.99	PG	Deleted Scenes
7	AIRPLANE SIERRA	A Touching Saga of a Hunter And a Butler who ...	2006	1	ENGLISH	6	4.99	62	28.99	PG-13	Trailers,Deleted Scenes
8	AIRPORT POLLOCK	A Epic Tale of a Moose And a Girl who must Con...	2006	1	ENGLISH	6	4.99	54	15.99	R	Trailers
9	ALABAMA DEVIL	A Thoughtful Panorama of a Database Administr...	2006	1	ENGLISH	3	2.99	114	21.99	PG-13	Trailers,Deleted Scenes
10	ALADDIN CALENDAR	A Action-Packed Tale of a Man And a Lumberjac...	2006	1	ENGLISH	6	4.99	63	24.99	NC-17	Trailers,Deleted Scenes
11	ALAMO VIDEOTAPE	A Boring Epistle of a Butler And a Cat who must ...	2006	1	ENGLISH	6	0.99	126	16.99	G	Commentaries,Behind the Scenes
12	ALASKA PHANTOM	A Fanciful Saga of a Hunter And a Pastry Chef ...	2006	1	ENGLISH	6	0.99	136	22.99	PG	Commentaries,Deleted Scenes
13	ALI FOREVER	A Action-Packed Drama of a Dentist And a Croc...	2006	1	ENGLISH	4	4.99	150	21.99	PG	Deleted Scenes,Behind the Scenes
14	ALICE FANTASIA	A Emotional Drama of a A Shark And a Databas...	2006	1	ENGLISH	6	0.99	94	23.99	NC-17	Trailers,Deleted Scenes,Behind th...
15	ALIEN CENTER	A Brilliant Drama of a Cat And a Mad Scientist w...	2006	1	ENGLISH	5	2.99	46	10.99	NC-17	Trailers,Commentaries,Behind the...
16	ALLEY EVOLUTION	A Fast-Paced Drama of a Robot And a Compose...	2006	1	ENGLISH	6	2.99	180	23.99	NC-17	Trailers,Commentaries
17	ALONE TRIP	A Fast-Paced Character Study of a Composer A...	2006	1	ENGLISH	3	0.99	82	14.99	R	Trailers,Behind the Scenes
18	ALTER VICTORY	A Thoughtful Drama of a Composer And a Femi...	2006	1	ENGLISH	6	0.99	57	27.99	PG-13	Trailers,Behind the Scenes

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):

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

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):

Result Grid		Filter Rows:
	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
payment 98		×

- Query:

Results(99):

[illegible]