

SESSION 10: RDBMS (CONTD.)

Assignment 1

4. Associated Data Files Use the Sakila schema, which can be found in following link (to be installed in your local system)

[http://dev.mysql.com/doc/index-other.html\('sakila database'\)](http://dev.mysql.com/doc/index-other.html('sakila database'))

<http://dev.mysql.com/doc/sakila/en/sakila.html>(for full documentation)

Requirements

For each question, you are required to provide the following:

- The SQL query you used
- The answers
- Any assumptions you made

5. Problem Statement

1. What are the names of all the countries in the databases which start with the letter "B" (sorted by their names)?
2. Return the first names (sorted) of all the actors with the last name "berry".
3. Find all the films whose length is more than 184 (inclusive). Order the results by the length (and for films with the same length order them by their name). Return their title and the length.

Ans:-

26.1.1

Question: What are the names of all the countries in the databases which start with the letter "B" (sorted by their names)?

Select country from country where country like 'B%' order by country;

=====

26.1.2

Question: Return the first names (sorted) of all the actors with the last name "berry".

Select first_name from actor where last_name='berry' order by first_name;

=====

26.1.3

Question: Find all the films whose length is more than 184 (inclusive). Order the results by the length (and for films with the same length order them by their name). Return their title and the length.

Select title,length from film where length>=184 order by length,title;

Output:-

MySQL 8.0 Command Line Client

Enter password: *****

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 11

Server version: 8.0.12 MySQL Community Server - GPL

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> show databases;

Database
acadgild
employee_db
employee_id
information_schema
moon
mysql
performance_schema
sakila
sampledb
sys
test
world

12 rows in set (0.09 sec)

mysql> use sakila;

Database changed

mysql> show tables;

Tables_in_sakila
actor
actor_info
address
category
city
country



MySQL 8.0 Command Line Client

country
customer
customer_list
film
film_actor
film_category
film_list
film_text
inventory
language
nicer_but_slower_film_list
payment
rental
sales_by_film_category
sales_by_store
staff
staff_list
store

23 rows in set (0.07 sec)

mysql> Select country from country where country like 'B%' order by country;

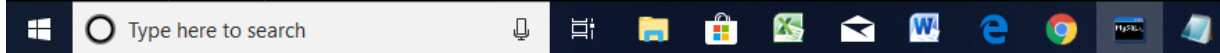
country
Bahrain
Bangladesh
Belarus
Bolivia
Brazil
Brunei
Bulgaria

7 rows in set (0.00 sec)

mysql> Select first_name from actor where last_name='berry' order by first_name;

first_name
CHRISTOPHER
HENRY
KARL

3 rows in set (0.00 sec)



MySQL 8.0 Command Line Client

```
mysql> Select title,length from film where length>=184 order by length,title;
```

title	length
CONSPIRACY SPIRIT	184
CRYSTAL BREAKING	184
KING EVOLUTION	184
MOONWALKER FOOL	184
SMOOCHY CONTROL	184
SONS INTERVIEW	184
SORORITY QUEEN	184
THEORY MERMAID	184
CHICAGO NORTH	185
CONTROL ANTHEM	185
DARN FORRESTER	185
GANGS PRIDE	185
HOME PITY	185
MUSCLE BRIGHT	185
POND SEATTLE	185
SOLDIERS EVOLUTION	185
SWEET BROTHERHOOD	185
WORST BANGER	185

18 rows in set (0.12 sec)

```
mysql>
```



Type here to search

