

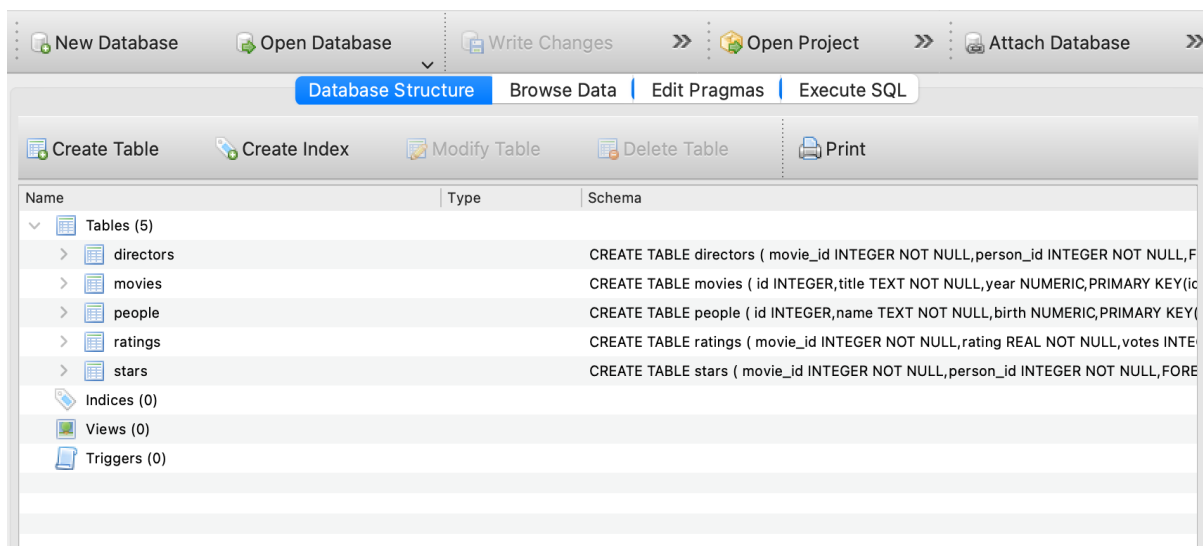
Lab Assignment 5 - SELECT Queries with Conditions

Instructions

1. Answer the below question in the boxes.
2. Please submit the assignment through TalentLabs Learning System.

Open the Movies database

Follow the step illustrated in Chapter 3 to open the Movies database using DB Browser for SQLite. You should see 5 tables in the database.



Query Exercises

For the exercises below, please write the required query and **test in DB Browser for SQLite**. When you succeed, please copy and paste the query you used in the answer box. You can reference the “Expected Output” for what is expected to come out from your query execution.

1. Write a SQL query to list the titles of all movies released in 1990.
Expected Output: a table with a single column for the title of each movie.

```
SELECT title
FROM movies
WHERE year = 1990
```



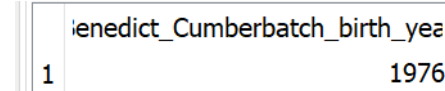
	title
1	Wenn du groß bist, lieber Adam
2	Larks on a String
3	Vojtech, receny sirotek
4	Rosa Heimat - eine Landillusion
5	Vincent and Me
6	Halfaouine: Boy of the Terraces
7	Call Me Mr. Brown
8	Commando terrorista
9	The Scarlet Scorpion
10	Astonished

Execution finished without errors.

2. Write a SQL query to determine the birth year of Benedict Cumberbatch.
You may assume that there is only one person in the database with the name Benedict Cumberbatch.

Expected Output: a table with a single column and a single row (plus optional header) containing Benedict Cumberbatch's birth year.

```
SELECT birth AS Benedict_Cumberbatch_birth_year
FROM people
WHERE name = "Benedict Cumberbatch"
```



	Benedict_Cumberbatch_birth_year
1	1976

3. Write a SQL query to list the titles of all movies with a release date on or after 2000, in alphabetical order.

Expected Output: a table with a single column for the title of each movie.

```
SELECT title, year
FROM movies
WHERE year >= 2000
ORDER BY title ASC
```

SQL 1

```
1 SELECT title, year
2 FROM movies
3 WHERE year >= 2000
4 ORDER BY title ASC
5
```

	title	year
1	!Women Art Revolution	2010
2	#1 Serial Killer	2013
3	#19	2021
4	#1915House	2018
5	#5	2013
6	#5	2018
7	#50Fathers	2015
8	#66	2015
9	#73, Shaanthi Nivaasa	2007
10	#82 Summits	2015
11	#ALLMOVIES	2015

Execution finished without errors

4. Write a SQL query to determine the number of movies with an IMDb rating > 9.8.

Expected Output: a table with a single column and a single row (plus optional header) containing the number of movies higher than 9.8 rating.

```
SELECT COUNT(*) AS number_of_movies_higher_than_9_8
FROM ratings
WHERE rating > 9.8
```

number_of_movies_higher_than_9_8

1	20
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5. Write a SQL query to list the titles and release years of all Captain America movies, in chronological order.

You may assume that the title of all Captain America movies will begin with the words "Captain America", and that if a movie title begins with the words "Captain America", it is a Captain America movie.

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Expected Output: a table with two columns, one for the title of each movie and one for the release year of each movie.

```
SELECT title, year
FROM movies
WHERE title LIKE 'Captain America%'
ORDER BY title ASC
```

Captain America	1990
Captain America: Civil War	2016
Captain America: The First Avenger	2011
Captain America: The Winter Soldier	2014

- End of Assignment -