

Brendan Ready
COMP 662
Module 3 Assignment

Q1. From the Netflix Movies and TV Shows SQLite Database that was created in Module 2, paste the following SQL expression to create a new table called my_query that inner joins the primary keys for the movies_info_1 and movies_info_2 tables and creates a query that displays the “show_id,” “title,” and “release year” fields. The code will drop the my_query table if it already exists in the database and create a new one.

The screenshot displays the DB Browser for SQLite application. The main window shows a table named 'my_query' with the following data:

show_id	title	rating	listed_in	release_year
247747	Amar Akbar Anthony	TV-14	Action & Adventure, Classic Movies, Comedies	1977
269880	Bad Boys	R	Action & Adventure, Comedies	1995
281550	La Bamba	PG-13	Classic Movies, Dramas, Music & Musicals	1987
284890	Barsaat	TV-PG	Action & Adventure, International Movies, Mus...	1995
292118	Beavis and Butt-head Do America	PG-13	Comedies, Cult Movies	1996
296682	Benji	G	Children & Family Movies, Classic Movies	1974
347365	Candyman	R	Cult Movies, Horror Movies	1992
352989	Carrie	R	Classic Movies, Cult Movies, Horror Movies	1976
372195	Child's Play	R	Cult Movies, Horror Movies	1988
374651	Chitty Chitty Bang Bang	G	Children & Family Movies, Classic Movies, ...	1968
382650	Cleopatra Jones	PG	Action & Adventure, Classic Movies	1973
404067	The Craft	R	Horror Movies, Thrillers	1996
408911	The Crow	R	Action & Adventure, Cult Movies, Sci-Fi & ...	1994
419733	The Dark Crystal	PG	Children & Family Movies	1982
449931	Doctor Zhivago	PG-13	Classic Movies, Dramas, Romantic Movies	1965
484369	The Evil Dead	TV-MA	Classic Movies, Cult Movies, Horror Movies	1981
485218	Executive Decision	R	Action & Adventure	1996
498716	Ferris Bueller's Day Off	PG-13	Classic Movies, Comedies, Cult Movies	1986
506464	The First Wives Club	PG	Comedies	1996
510854	The Flintstones	PG	Children & Family Movies, Comedies	1994
516154	For the Love of Benji	G	Children & Family Movies	1977
516788	Forbidden Planet	G	Action & Adventure, Classic Movies, Sci-Fi & ...	1956
520489	Four Weddings and a Funeral	R	Classic Movies, Comedies, International Movies	1994
523650	Free Willy	PG	Children & Family Movies, Dramas	1993
542137	Gigi	G	Classic Movies, Comedies, Music & Musicals	1958
569355	Hamburger Hill	R	Action & Adventure, Dramas	1987
607931	How to Make an American Quilt	PG-13	Dramas, Romantic Movies	1995
653673	Jimi Hendrix	R	Documentaries, Music & Musicals	1973
673843	Kingpin	PG-13	Comedies, Cult Movies, Sports Movies	1996

The SQL Log window on the right shows the following SQL statements:

```
PRAGMA database_list;
SELECT type,name,sql,tbl_name FROM "main".sqlite_master;
SELECT COUNT(*) FROM "main"."movies_info_1"
SELECT "rowid",* FROM "main"."movies_info_1" LIMIT 0, 49999;
PRAGMA database_list;
SELECT type,name,sql,tbl_name FROM "main".sqlite_master;
SELECT COUNT(*) FROM "main"."movies_info_1"
SELECT "rowid",* FROM "main"."movies_info_1" LIMIT 0, 49999;
PRAGMA database_list;
SELECT type,name,sql,tbl_name FROM "main".sqlite_master;
SELECT COUNT(*) FROM "main"."my_query"
SELECT "rowid",* FROM "main"."my_query" LIMIT 0, 49999;
PRAGMA database_list;
SELECT type,name,sql,tbl_name FROM "main".sqlite_master;
SELECT COUNT(*) FROM "main"."my_query"
SELECT "rowid",* FROM "main"."my_query" LIMIT 0, 49999;
PRAGMA database_list;
SELECT type,name,sql,tbl_name FROM "main".sqlite_master;
SELECT COUNT(*) FROM "main"."my_query"
SELECT "rowid",* FROM "main"."my_query" LIMIT 0, 49999;
```

Q2. Paste the following SQL expression that will create a table and list the field "listed_in" and its associated count from the my_query table in Q1.

The screenshot shows the DB Browser for SQLite interface. The SQL editor contains the following query:

```
1 SELECT my_query.listed_in, Count(my_query.listed_in) AS CountOflisted_in FROM my_query
2 GROUP BY my_query.listed_in
3 ORDER BY Count(my_query.listed_in) DESC;
```

The results pane displays a table with two columns: listed_in and CountOflisted_in. The data is as follows:

listed_in	CountOflisted_in
Documentaries	299
Stand-Up Comedy	273
Dramas, International ...	248
Dramas, Independent ...	186
Comedies, Dramas, ...	174
Kids' TV	159
Documentaries, ...	150
Children & Family ...	129
Comedies, Internation...	120
Children & Family ...	120
Dramas, International ...	108
Action & Adventure, ...	103
Comedies, Internation...	97
Dramas, International ...	93
International TV Show...	92
Crime TV Shows, ...	92
Dramas	89
International TV Show...	78
Comedies, Dramas, ...	77
Kids' TV, TV Comedies	75
Action & Adventure, ...	75
Comedies	73

The SQL Log pane shows the execution of the query, including the creation of a temporary table and the final result set.

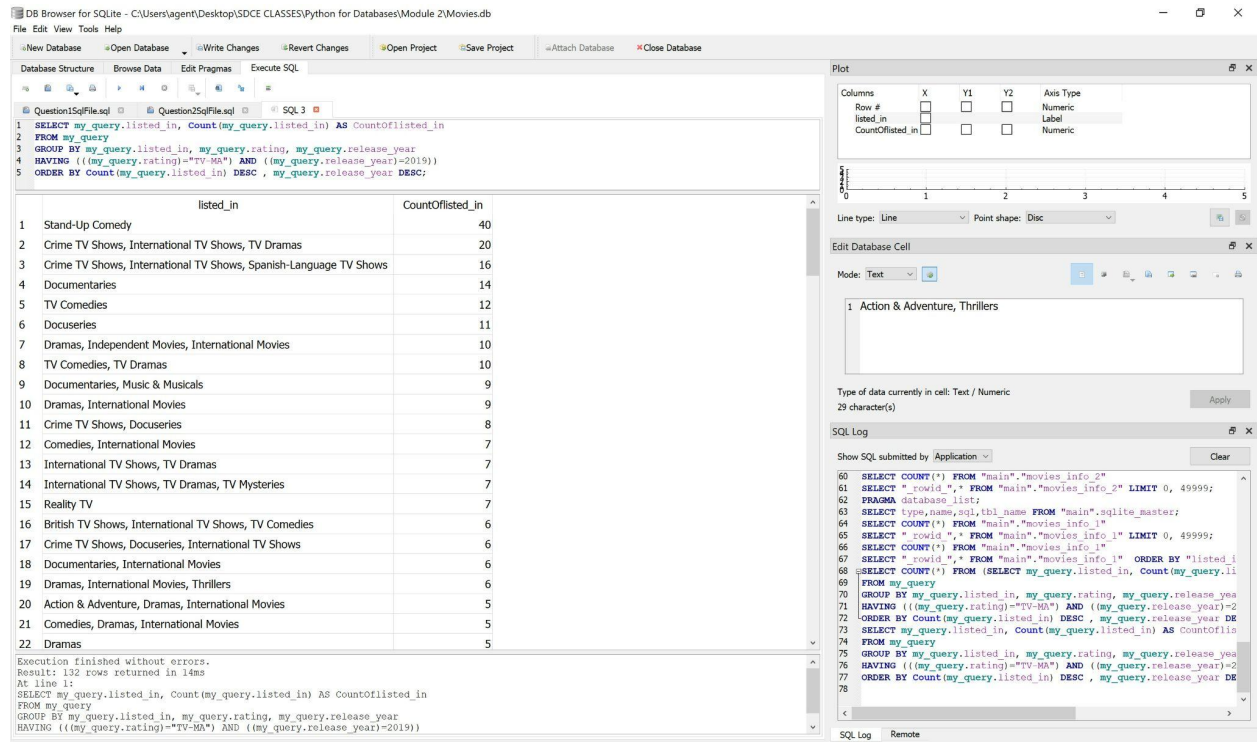
Q3. From the listings in part 2, which listing was the most popular? What was the count?

Documentaries
299

Q4. From the listings in part 2, which listing was the second most popular? What was the count?

Stand-Up Comedy
273

Q5. Paste the following SQL expression that will create a table that will list the field "listed_in" and its associated count for ratings "TV-MA" for the release year 2019.



Q6. From the listings in part 5, which listing was the most popular with the highest count? What was the count?

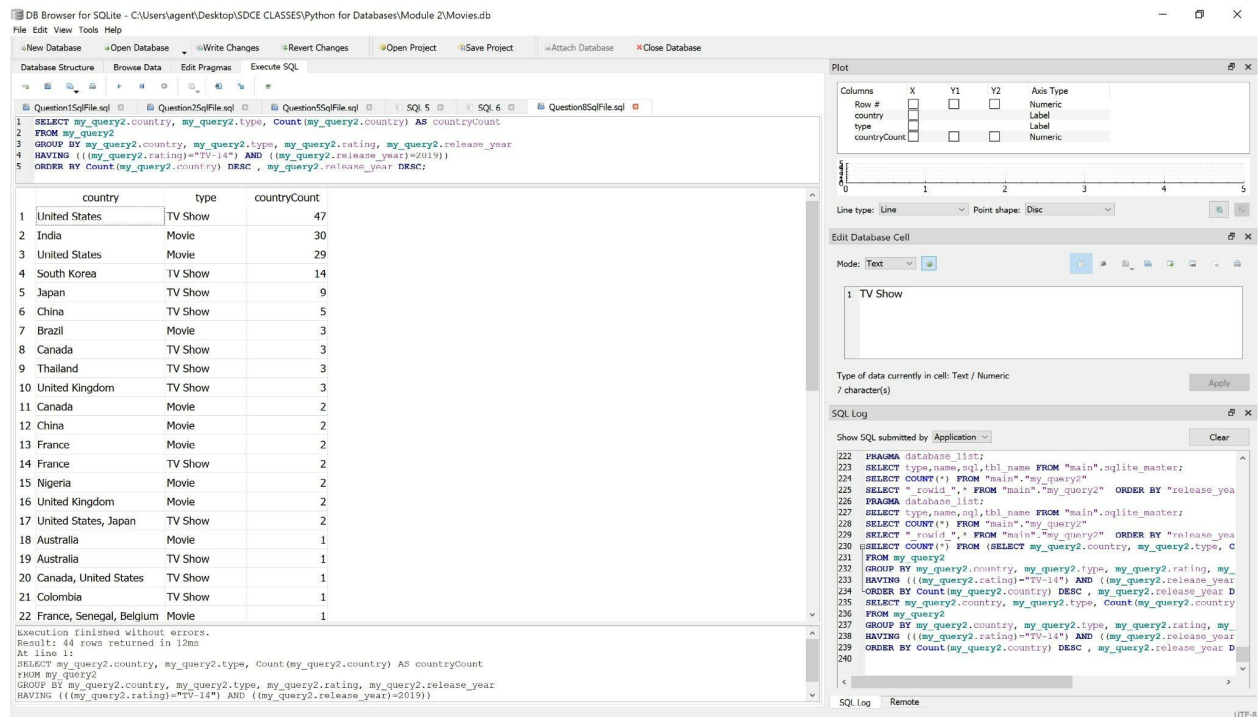
Stand-Up Comedy
40

Q7. From the listings in part 5, which listing was the second most popular? What was the count?

Crime TV Shows, International TV Shows, TV Dramas
20

EXTRA CREDIT

Q8. Write an SQL script that will create a table that will list the country the show or movie was produced in, its type (movie or show), and country count for that type for all movies or shows released in 2019 with a rating "TV-14."



Q9. Which country released the most movies in 2019 with a rating of TV-14? What was the count ?

India
30

Q10. How many TV shows did the US release in 2019 with a rating of TV-14?

47