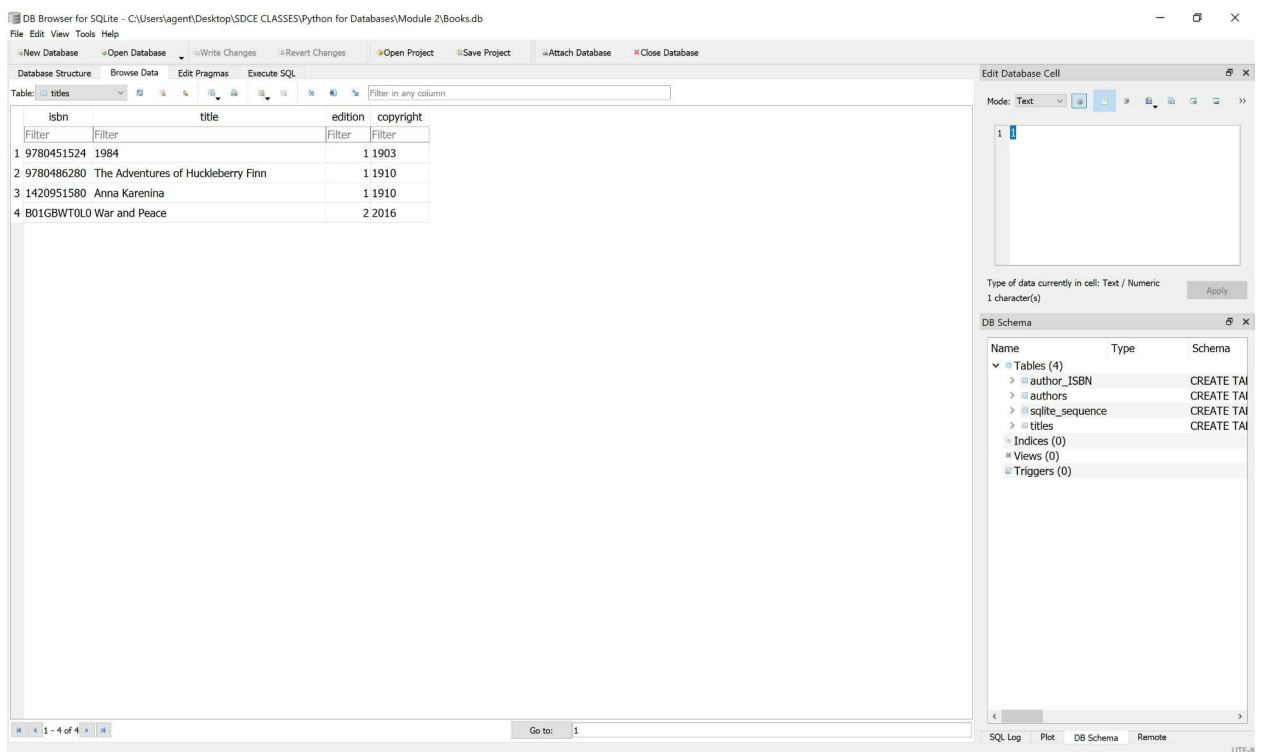
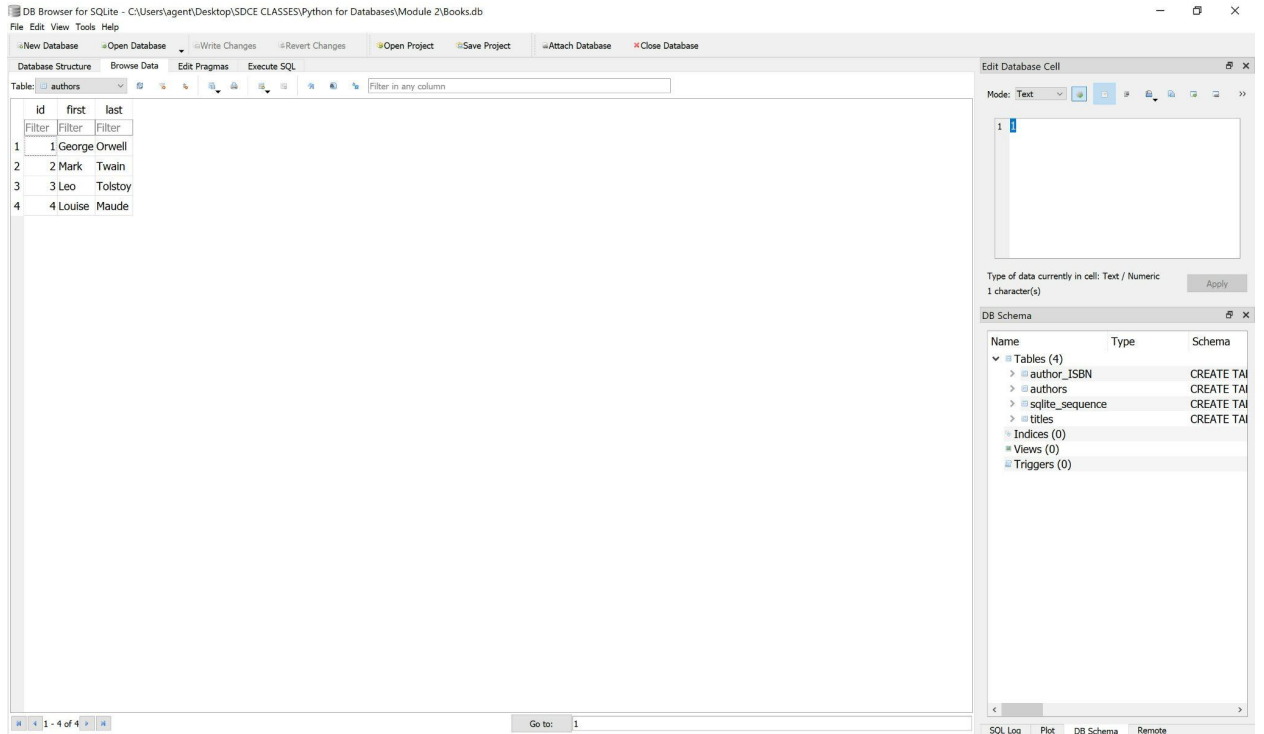


Brendan Ready  
Comp 662  
Module 2 Assignment  
Screenshots

## 1. DB Browser for SQLite



## 2. Netflix Movies and TV Shows Database

The screenshot displays the DB Browser for SQLite interface, showing the database schema and the SQL log.

**DB Schema**

Name	Type	Schema
Tables (2)		
movies_info_1	CREATE TABLE "movies_info_1" ( "show_id" INTEGER, "type" TEXT, "title" TEXT, "director" TEXT, "cast" TEXT, "country" TEXT, "date_added" NUMERIC, "listed_in" TEXT, "description" TEXT, PRIMARY KEY("show_id") )	
movies_info_2	CREATE TABLE "movies_info_2" ( "show_id" INTEGER, "release_year" INTEGER, "rating" TEXT, "duration" NUMERIC, PRIMARY KEY("show_id") )	
Indices (0)		
Views (0)		
Triggers (0)		

**SQL Log**

```
1 PRAGMA foreign_keys = '1';
2 PRAGMA database_list;
3 SELECT type,name,sql,tbl_name FROM "main".sqlite_master;
4 PRAGMA encoding;
5 PRAGMA collation_list;
6 SAVEPOINT "db4s_edittable_16454225266328635";
7 SAVEPOINT "RESTOREPOINT";
8 CREATE TABLE "movies_info_1" (
9     "show_id" INTEGER
10 );
11 PRAGMA database_list;
12 SELECT type,name,sql,tbl_name FROM "main".sqlite_master;
13 PRAGMA foreign_keys;
14 RELEASE "db4s_edittable_16454225266328635";
15 PRAGMA foreign_keys = '0';
16 PRAGMA collation_list;
17 SAVEPOINT "db4s_edittable_16454227544409727";
18 ROLLBACK TO SAVEPOINT "db4s_edittable_16454227544409727";
19 PRAGMA database_list;
20 SELECT type,name,sql,tbl_name FROM "main".sqlite_master;
21 RELEASE "db4s_edittable_16454227544409727";
22 PRAGMA "main".foreign_key_check;
23 PRAGMA foreign_keys = '1';
24 PRAGMA foreign_keys;
25 PRAGMA foreign_keys = '0';
26 PRAGMA collation_list;
27 SAVEPOINT "db4s_edittable_16454228508770623";
28 SAVEPOINT "db4s_renamecolumn_16454233391412883";
29 SAVEPOINT "RESTOREPOINT";
30 ALTER TABLE "main"."movies_info_1" ADD COLUMN "type" TEXT
31 ALTER TABLE "main"."movies_info_1" RENAME COLUMN "show_id" TO "show_id"
32 PRAGMA database_list;
33 SELECT type,name,sql,tbl_name FROM "main".sqlite_master;
34 SELECT type,name,sql,tbl_name FROM sqlite_temp_master;
35 CREATE TABLE "sqlb_temp_table_1" (
36     "show_id" INTEGER,
37     "type" TEXT,
38     "title" TEXT,
39     "director" TEXT,
40     "cast" TEXT,
41     "country" TEXT,
42     "date_added" NUMERIC,
43     "listed_in" TEXT,
44     "description" TEXT,
45     PRIMARY KEY("show_id")
46 );
47 INSERT INTO "main"."sqlb_temp_table_1" ("show_id") SELECT "show_id" FROM "main"."movies_info_1"
48 PRAGMA defer_foreign_keys = '1';
49 DROP TABLE "main"."movies_info_1"
50 ALTER TABLE "main"."sqlb_temp_table_1" RENAME TO "movies_info_1"
51 PRAGMA defer_foreign_keys = '0';
52 PRAGMA defer_foreign_keys = '0';
53 RELEASE "db4s_renamecolumn_16454233391412883";
```

DB Browser for SQLite - C:\Users\agent\Desktop\SDCE CLASSES\Python for Databases\Module 2\Movies.db

File Edit View Tools Help

New Database Open Database Write Changes Revert Changes Open Project Save Project Attach Database Close Database

Database Structure Browse Data Edit Pragma Execute SQL

Table: movies\_info\_1 Filter in any column

show_id	type	title	director	cast	country	date_added	listed_in	description	
1	247747	Movie	Amar Akbar Anthony	Manmohan Desai	Vinod Khanna, Rishi ...	India	12/31/2019 ...	Action & ...	Abandoned in a park by...
2	269880	Movie	Bad Boys	Michael Bay	Will Smith, Martin ...	United States	10/1/2019 0:00:00	Action & ...	In this fast-paced ...
3	281550	Movie	La Bamba	Luis Valdez	Lou Diamond Phillips, ...	United States	1/1/2020 0:00:00	Classic ...	The plane crash that ...
4	284890	Movie	Barsaat	Rajkumar Santoshi	Twinkle Khanna, Bob...	India	4/1/2018 0:00:00	Action & ...	A naive young man and...
5	292118	Movie	Beavis and Butt-head Do ...	Mike Judge	Mike Judge, Bruce ...	United States	11/20/2019 ...	Comedies,...	After realizing that their...
6	296682	Movie	Benji	Joe Camp	Benji, Deborah Walley...	United States	3/6/2018 0:00:00	Children &...	After lovable abandone...
7	347365	Movie	Candyman	Bernard Rose	Virginia Madsen, Ton...	United States...	10/1/2019 0:00:00	Cult Movie...	Grad student Helen Lyl...
8	352989	Movie	Carrie	Brian De Palma	Sissy Spacek, Piper ...	United States	6/1/2019 0:00:00	Classic ...	An outcast teen with ...
9	372195	Movie	Child's Play	Tom Holland	Catherine Hicks, Alex ...	United States	12/31/2019 ...	Cult Movie...	When a rash of murder...
10	374651	Movie	Chitty Chitty Bang Bang	Ken Hughes	Dick Van Dyke, Sally ...	United ...	1/1/2020 0:00:00	Children &...	Quirky inventor ...
11	382650	Movie	Cleopatra Jones	Jack Starrett	Tamara Dobson, Bern...	United States	11/1/2019 0:00:00	Action & ...	A stylin' special agent ...
12	404067	Movie	The Craft	Andrew Fleming	Robin Tunney, Fairuz...	United States	1/1/2020 0:00:00	Horror ...	At a Catholic school, a ...
13	408911	Movie	The Crow	Alex Proyas	Brandon Lee, Rochell...	United States	1/1/2019 0:00:00	Action & ...	One year after Eric ...
14	419733	Movie	The Dark Crystal	Frank Oz, Jim Henson	Jim Henson, Kathryn ...	United States...	5/1/2019 0:00:00	Children &...	In this mythical tale, Je...
15	449931	Movie	Doctor Zhivago	David Lean	Omar Sharif, Julie ...	United States...	11/1/2019 0:00:00	Classic ...	A young physician and ...
16	484369	Movie	The Evil Dead	Sam Raimi	Bruce Campbell, Ellen...	United States	1/10/2020 0:00:00	Classic ...	During a stop at a ...
17	485218	Movie	Executive Decision	Stuart Baird	Kurt Russell, Halle ...	United States	11/1/2019 0:00:00	Action & ...	When terrorists hijack a...
18	498716	Movie	Ferris Bueller's Day Off	John Hughes	Matthew Broderick, ...	United States	1/3/2020 0:00:00	Classic ...	Ferris convinces his enti...
19	506464	Movie	The First Wives Club	Hugh Wilson	Bette Midler, Goldie ...	United States	11/20/2019 ...	Comedies	Following a friend's ...
20	510854	Movie	The Flintstones	Brian Levant	John Goodman, ...	United States	10/1/2019 0:00:00	Children &...	The Flintstones hit the ...
21	516154	Movie	For the Love of Benji	Joe Camp	Patsy Garrett, Cynthia...	United States	3/6/2018 0:00:00	Children &...	Benji and his owner get...
22	516788	Movie	Forbidden Planet	Fred M. Wilcox	Leslie Nielsen, Walter ...	United States	11/1/2019 0:00:00	Action & ...	A pulp-fiction sci-fi ...
23	520489	Movie	Four Weddings and a Funeral	Mike Newell	Hugh Grant, Andie ...	United ...	8/1/2019 0:00:00	Classic ...	A commitment-phobic ...
24	523650	Movie	Free Willy	Simon Wincer	Jason James Richter, ...	United States...	1/1/2020 0:00:00	Children &...	Ordered to clean up the...
25	542137	Movie	Gigi	Vincente Minnelli, Charl...	Leslie Caron, Maurice ...	United States	11/1/2019 0:00:00	Classic ...	Gigi's an avant-garde ...
26	569355	Movie	Hamburger Hill	John Irvin	Anthony Barille, Mich...	United States	11/23/2019 ...	Action & ...	The Vietnam War's ...
27	607931	Movie	How to Make an American ...	Jocelyn Moorhouse	Winona Ryder, Anne ...	United States	4/1/2018 0:00:00	Dramas, ...	A conflicted young ...
28	653673	Movie	Jimi Hendrix	Joe Boyd	Jimi Hendrix, Eric ...	United States	11/1/2019 0:00:00	Document...	Jimi Hendrix's family, ...
29	673843	Movie	Kingpin	Peter Farrelly, Bobby ...	Woody Harrelson, ...	United States	1/1/2020 0:00:00	Comedies,...	After a bowler loses his...

Go to: 1

Plot

Columns X Y1 Y2 Axis Type

Row # Rowid Numeric Numeric

Line type: Line Point shape: Disc

Edit Database Cell

Mode: Text

1 247747

Type of data currently in cell: Text / Numeric

6 character(s)

Apply

DB Schema

Name Type Schema

Tables (2)

movies\_info\_1 CREATE TABLE "movies\_...

movies\_info\_2 CREATE TABLE "movies\_...

Indices (0)

Views (0)

Triggers (0)

SQL Log DB Schema Remote

DB Browser for SQLite - C:\Users\agent\Desktop\SDCE CLASSES\Python for Databases\Module 2\Movies.db

File Edit View Tools Help

New Database Open Database Write Changes Revert Changes Open Project Save Project Attach Database Close Database

Database Structure Browse Data Edit Pragma Execute SQL

Table: movies\_info\_2 Filter in any column

show_id	release_year	rating	duration
1	247747	1977 TV-14	172 min
2	269880	1995 R	119 min
3	281550	1987 PG-13	109 min
4	284890	1995 TV-PG	166 min
5	292118	1996 PG-13	81 min
6	296682	1974 G	86 min
7	347365	1992 R	99 min
8	352989	1976 R	98 min
9	372195	1988 R	87 min
10	374651	1968 G	146 min
11	382650	1973 PG	89 min
12	404067	1996 R	101 min
13	408911	1994 R	102 min
14	419733	1982 PG	93 min
15	449931	1965 PG-13	200 min
16	484369	1981 TV-MA	85 min
17	485218	1996 R	133 min
18	498716	1986 PG-13	103 min
19	506464	1996 PG	103 min
20	510854	1994 PG	91 min
21	516154	1977 G	84 min
22	516788	1956 G	98 min
23	520489	1994 R	118 min
24	523650	1993 PG	112 min
25	542137	1958 G	115 min
26	569355	1987 R	110 min
27	607931	1995 PG-13	116 min
28	653673	1973 R	102 min
29	673843	1996 PG-13	114 min

Go to: 1

Plot

Columns X Y1 Y2 Axis Type

Row # Rowid Numeric Numeric

Line type: Line Point shape: Disc

Edit Database Cell

Mode: Text

1 247747

Type of data currently in cell: Text / Numeric

6 character(s)

Apply

DB Schema

Name Type Schema

Tables (2)

movies\_info\_1 CREATE TABLE "movies\_...

movies\_info\_2 CREATE TABLE "movies\_...

Indices (0)

Views (0)

Triggers (0)

SQL Log DB Schema Remote

UTF-8