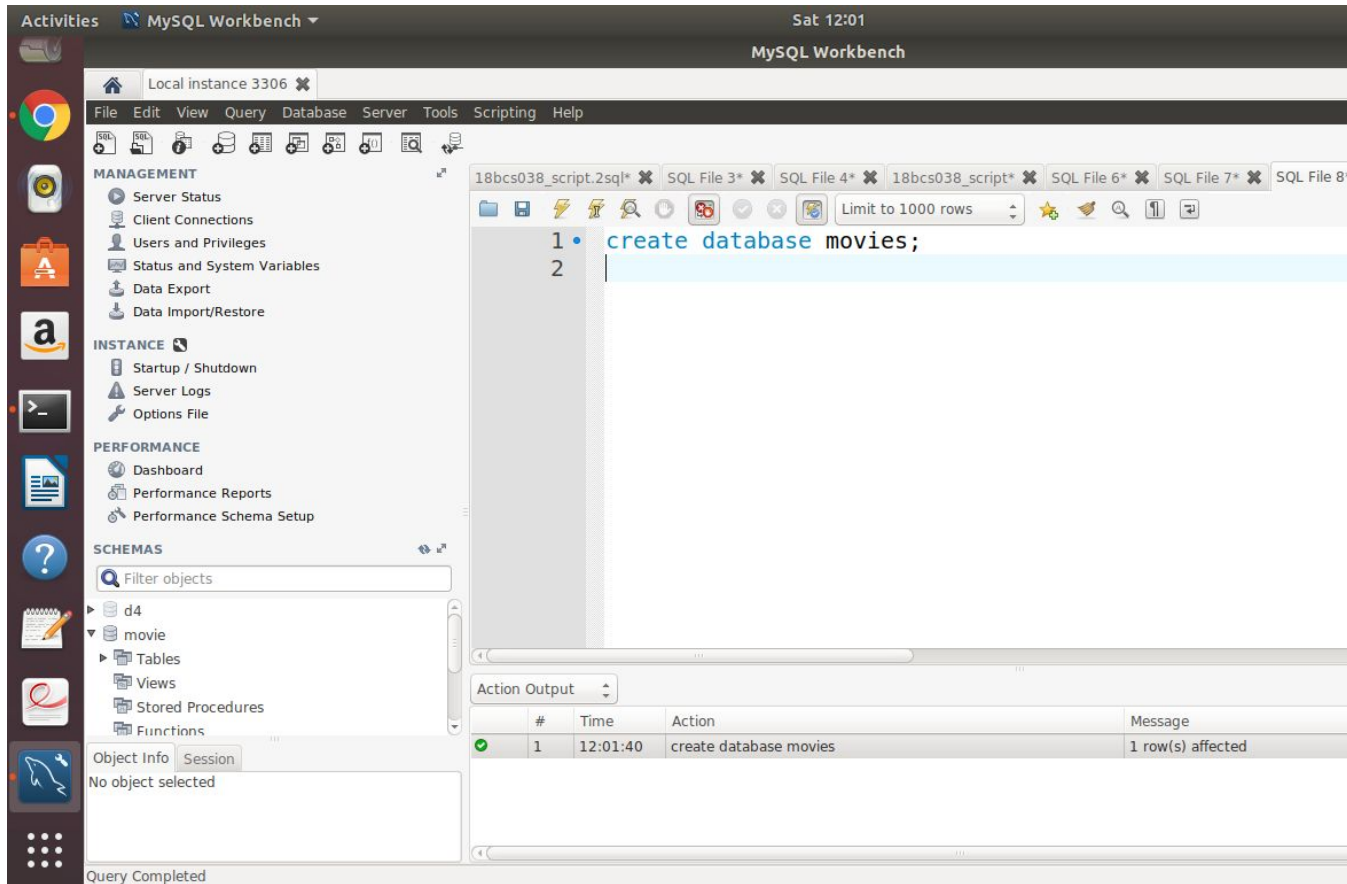


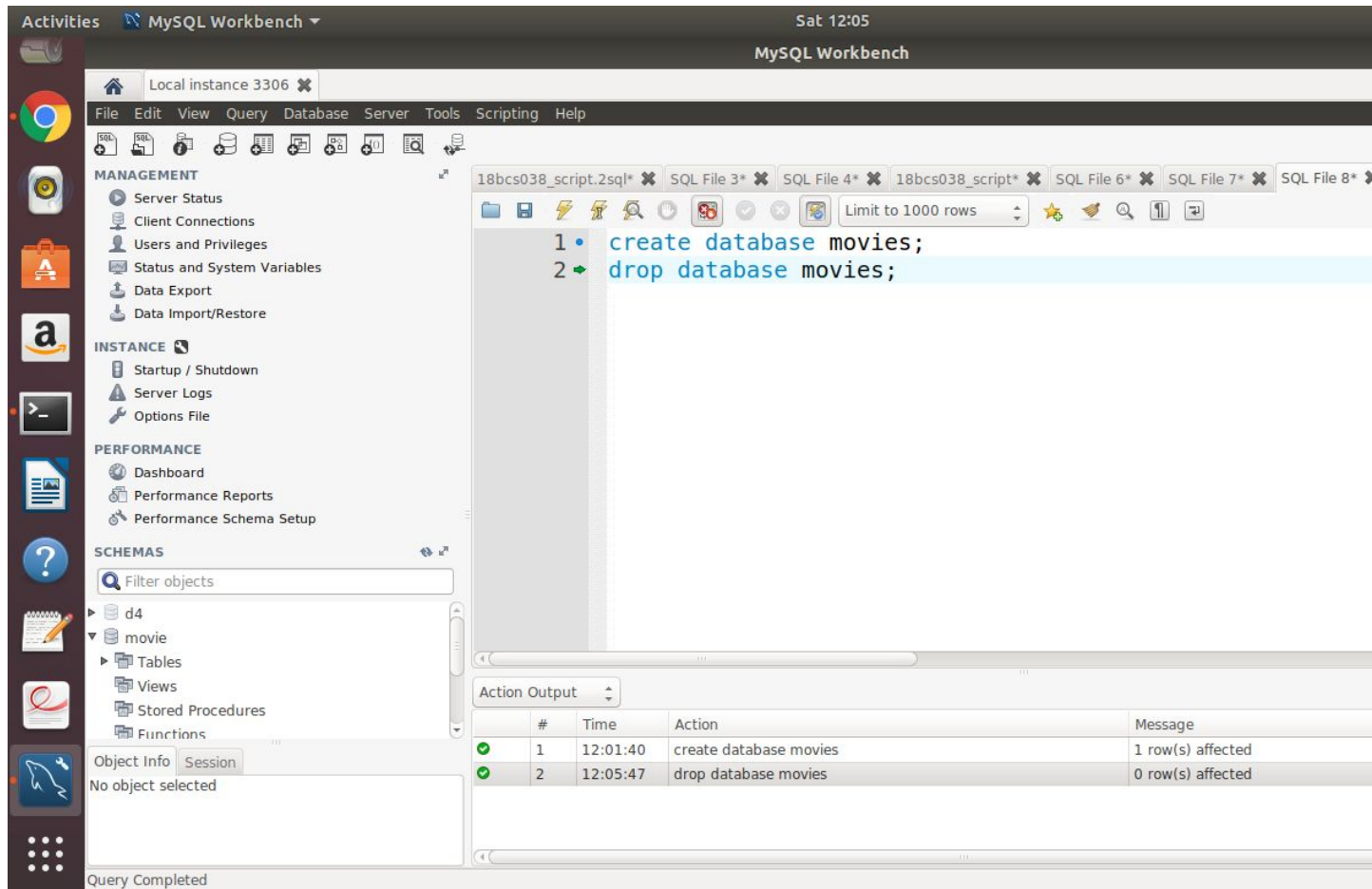
1. Show how to create and drop a database.

Ans.

A. create database movies;

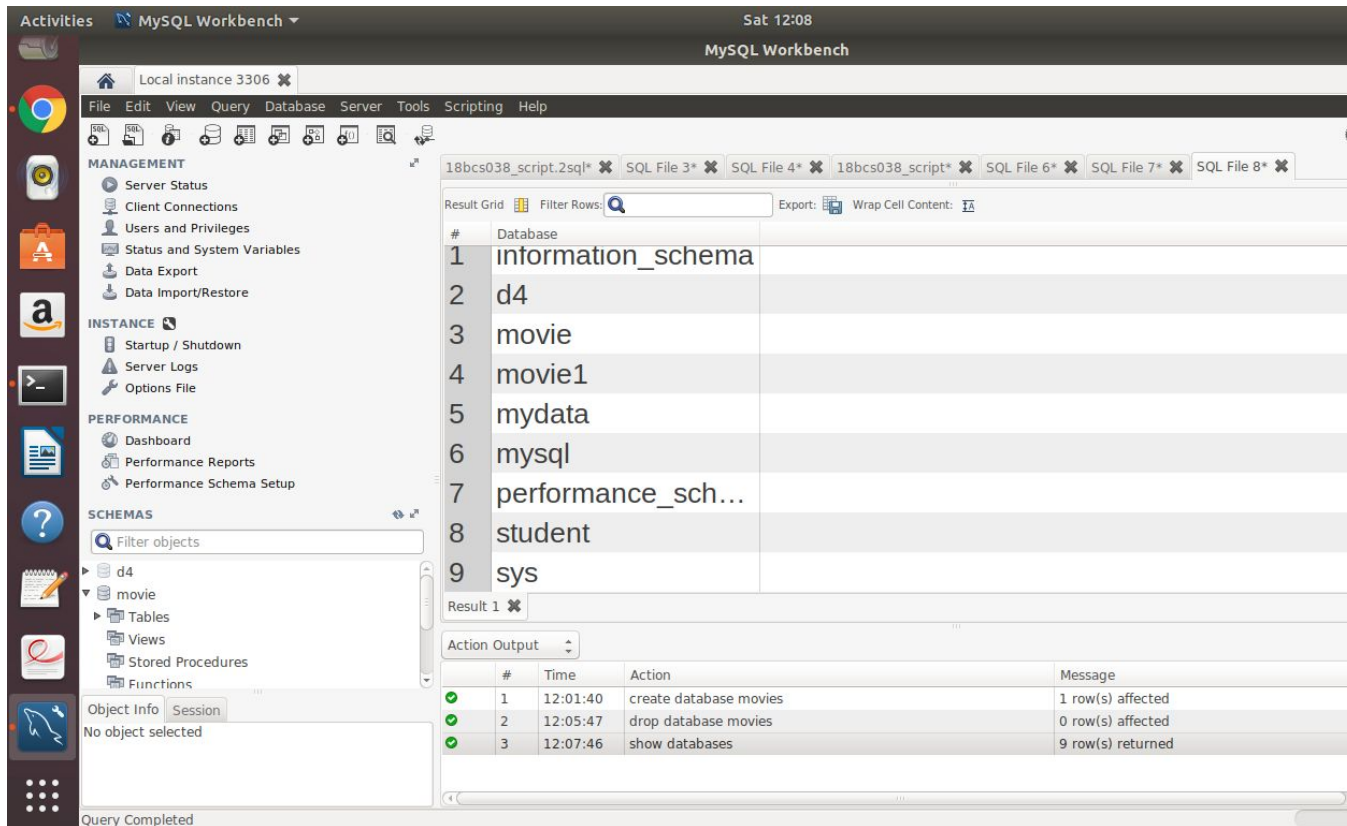


B. drop database movies;



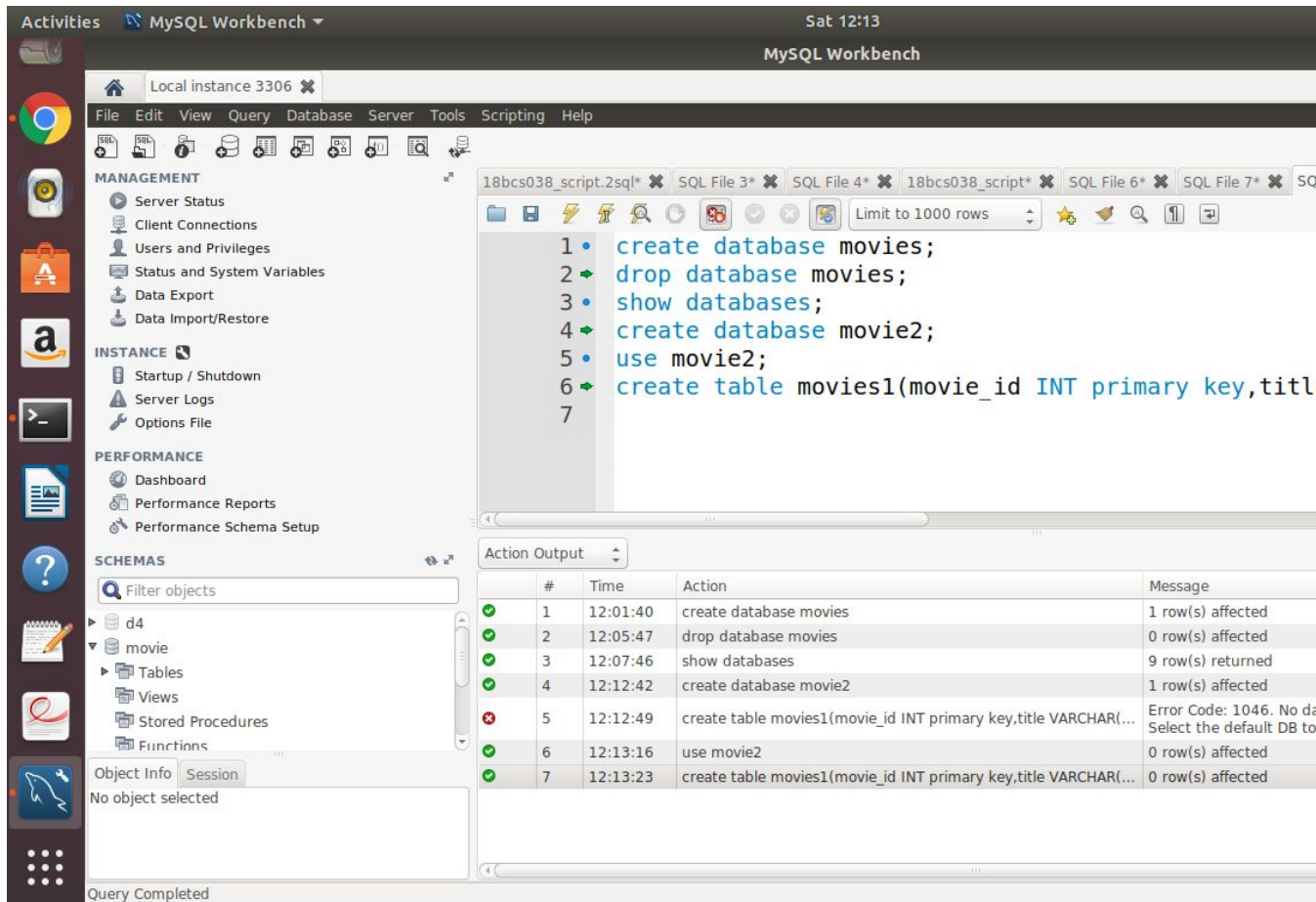
2. Show all the databases that are there in the system.

Ans. show databases;



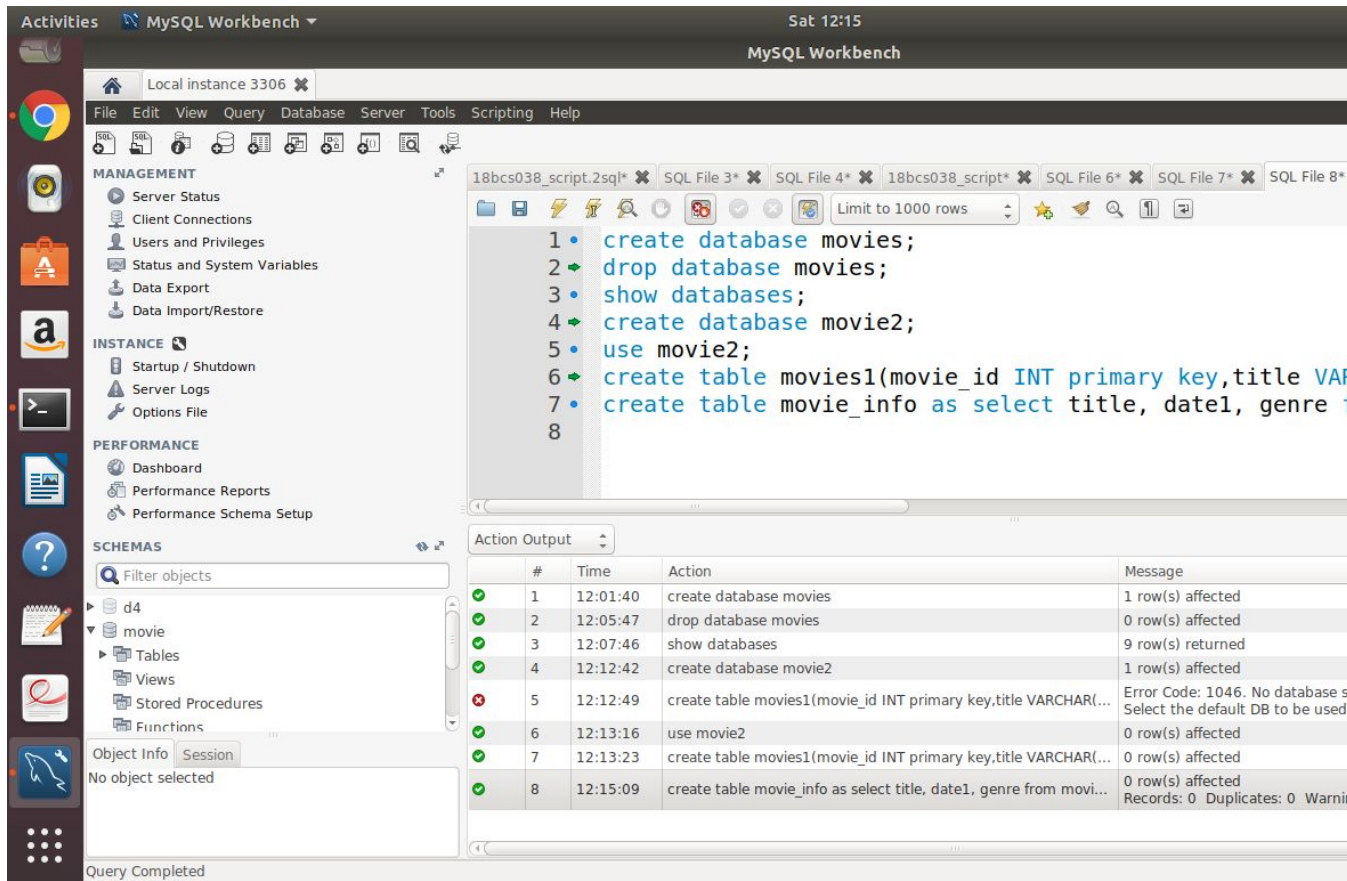
3. Create Table for your database.

Ans. create table movies1(movie_id INT primary key,title VARCHAR(45),date1 DATE, genre VARCHAR(45), rating INT);



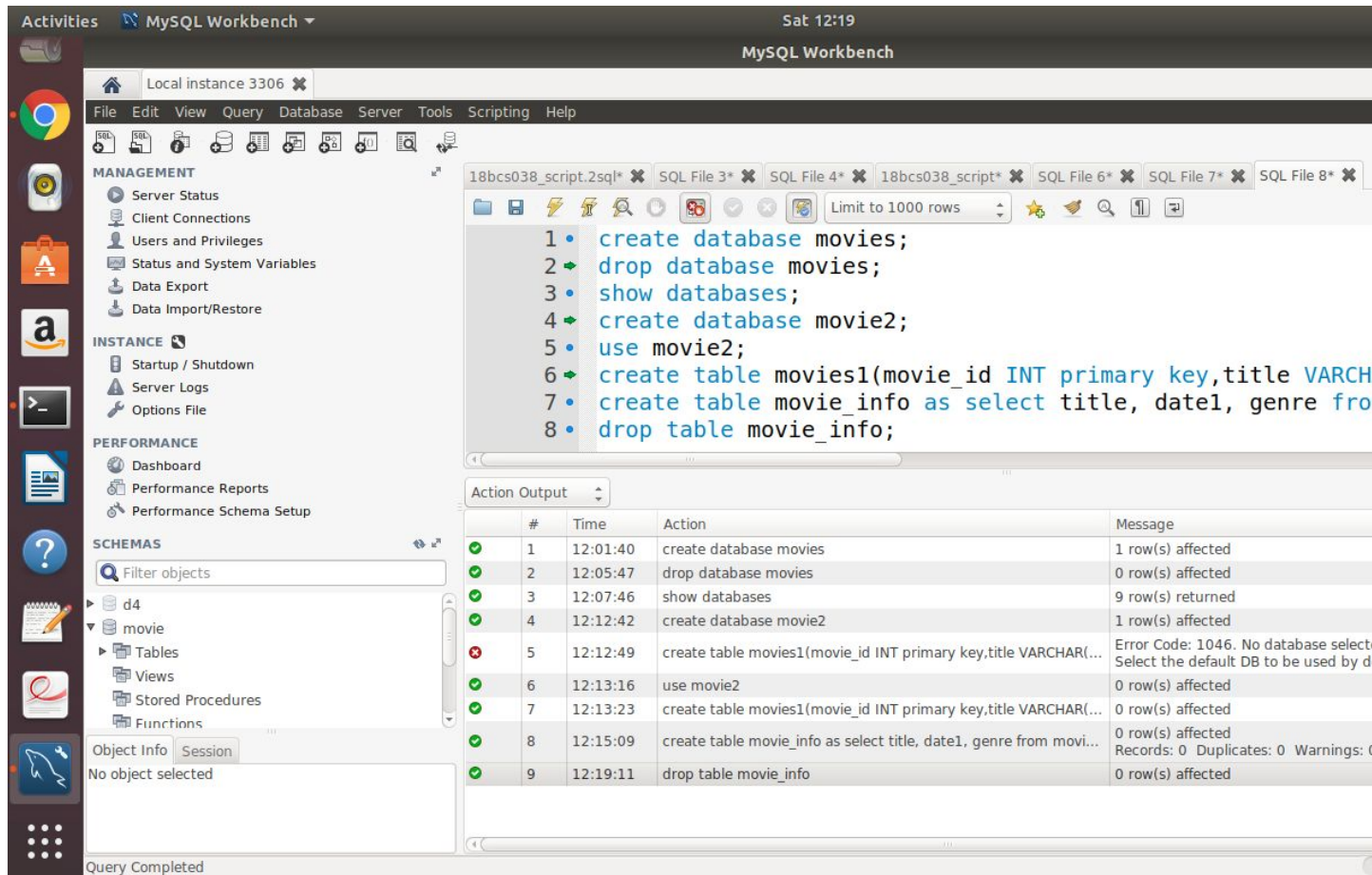
4. Show how select can be used for creating table.

Ans. create table movie_info as select title, date1, genre from movies1;



5.Drop table

Ans. drop table movie_info;



6. Show how to check the schema of the tables.

Ans. desc movies1;

Activities MySQL Workbench Sat 12:22

MySQL Workbench

Local instance 3306

File Edit View Query Database Server Tools Scripting Help

MANAGEMENT

- Server Status
- Client Connections
- Users and Privileges
- Status and System Variables
- Data Export
- Data Import/Restore

INSTANCE

- Startup / Shutdown
- Server Logs
- Options File

PERFORMANCE

- Dashboard
- Performance Reports
- Performance Schema Setup

SCHEMAS

Filter objects

- d4
- movie
 - Tables
 - Views
 - Stored Procedures
 - Functions

Object Info Session

No object selected

Query Completed

18bcs038_script.2sql* SQL File 3* SQL File 4* 18bcs038_script* SQL File 6* SQL File 7* SQL File 8*

Result Grid Filter Rows: Export: Wrap Cell Content: 1A

#	Field	Type	Null	Key	Default	Extra
1	movie_id	int(11)	NO	PRI	NULL	
2	title	varchar(45)	YES		NULL	
3	date1	date	YES		NULL	
4	genre	varchar(45)	YES		NULL	
5	rating	int(11)	YES		NULL	

Result 2

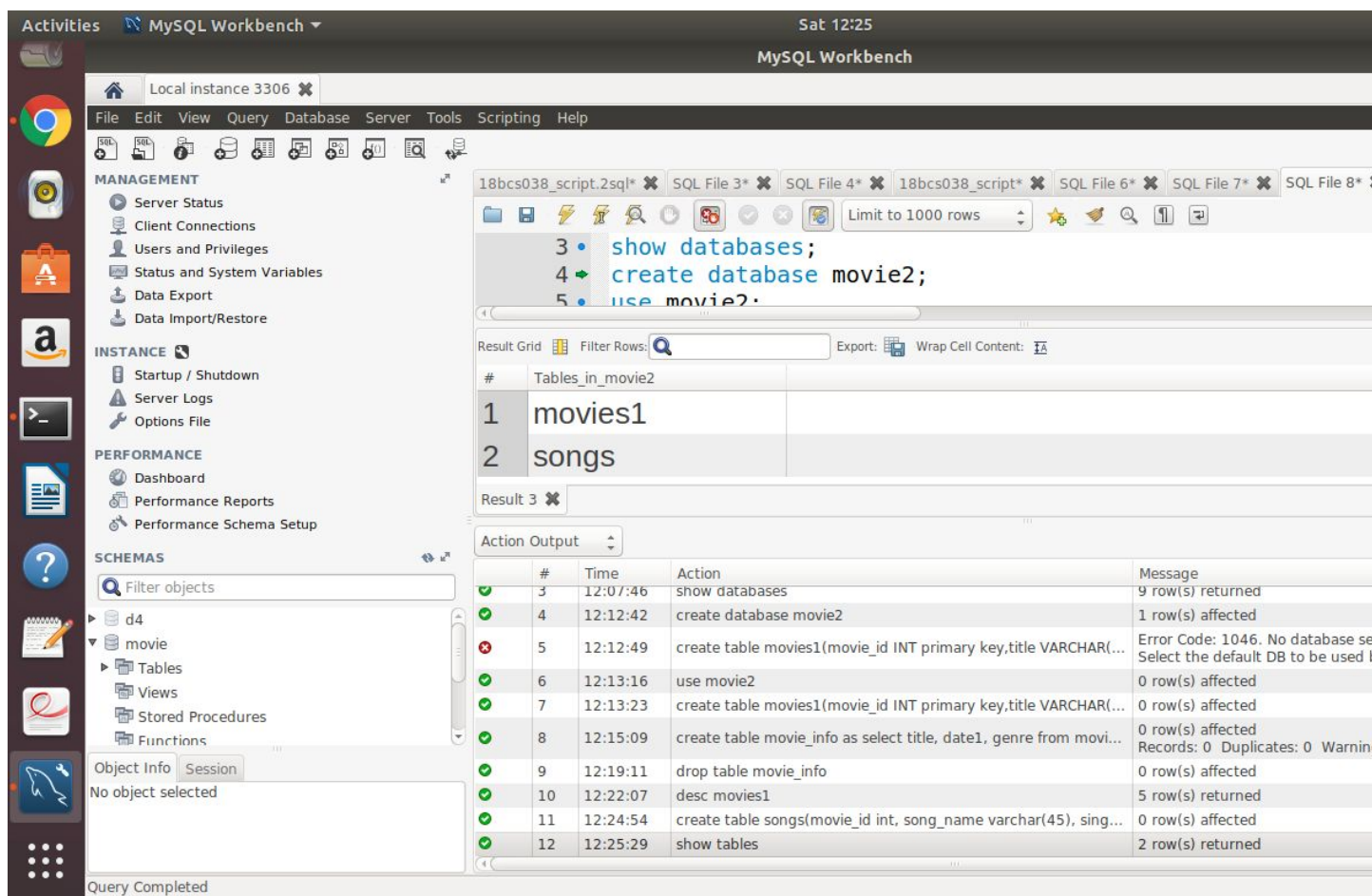
Action Output

#	Time	Action	Message
1	12:01:40	create database movies	1 row(s) affected
2	12:05:47	drop database movies	0 row(s) affected
3	12:07:46	show databases	9 row(s) returned
4	12:12:42	create database movie2	1 row(s) affected
5	12:12:49	create table movies1(movie_id INT primary key,title VARCHAR(...	Error Code: 1046. No database selected Select the default DB to be used by double-clicking on the database in the left pane
6	12:13:16	use movie2	0 row(s) affected
7	12:13:23	create table movies1(movie_id INT primary key,title VARCHAR(...	0 row(s) affected
8	12:15:09	create table movie_info as select title, date1, genre from movi...	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0
9	12:19:11	drop table movie_info	0 row(s) affected
10	12:22:07	desc movies1	5 row(s) returned

7. Show all the tables from the database.

Ans. a. create table songs(movie_id int, song_name varchar(45), singer varchar(45), composer varchar(45));

b. show tables;



8. Insert 5 to 10 rows in each of the tables of your database.

Ans.

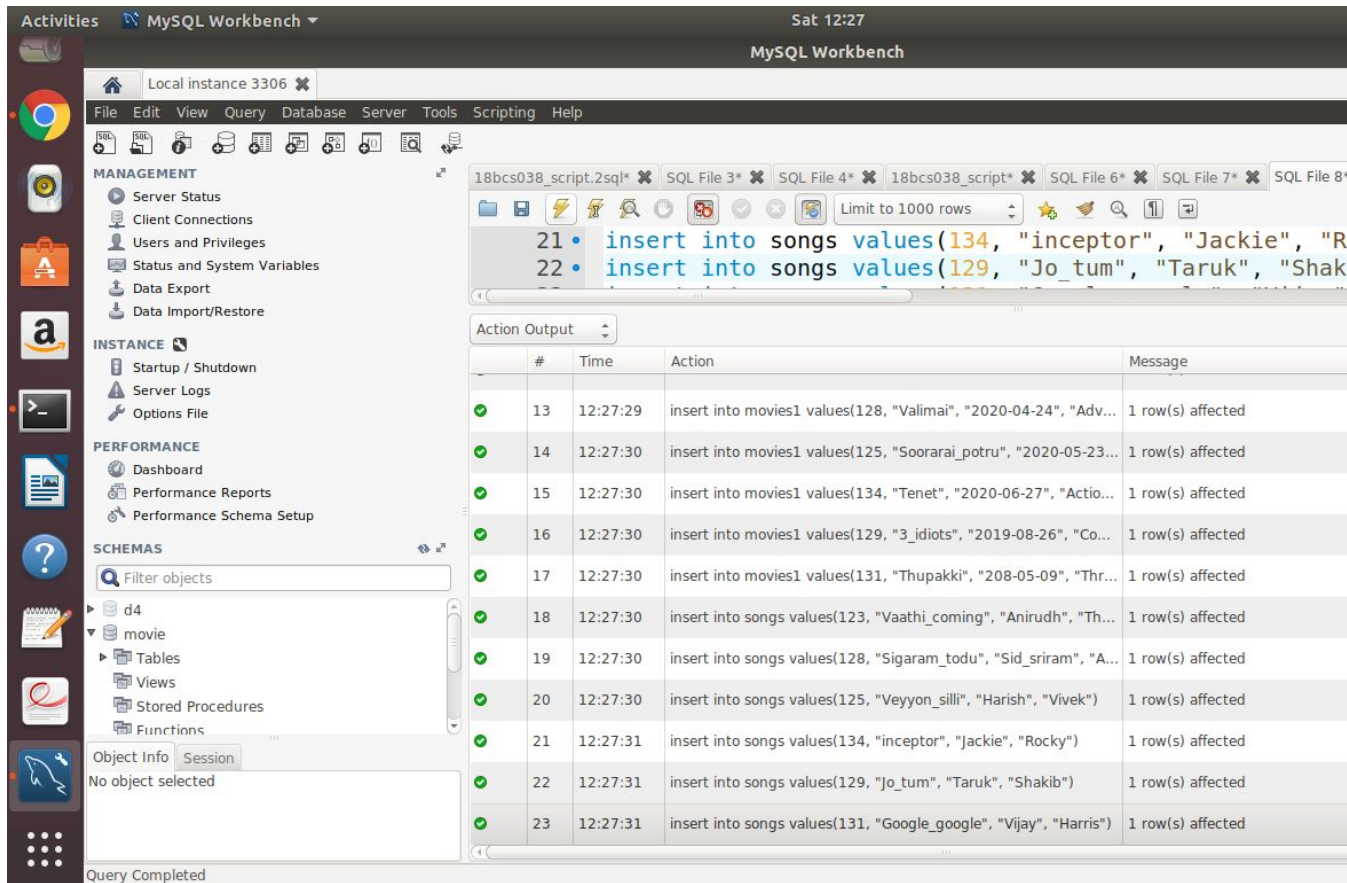
insert into movies1 values(128, "Valimai",
"2020-04-24", "Adventure", 4);

insert into movies1 values(125,
"Soorarai_potru", "2020-05-23", "Action", 3);

insert into movies1 values(134, "Tenet",
"2020-06-27", "Action", 4);

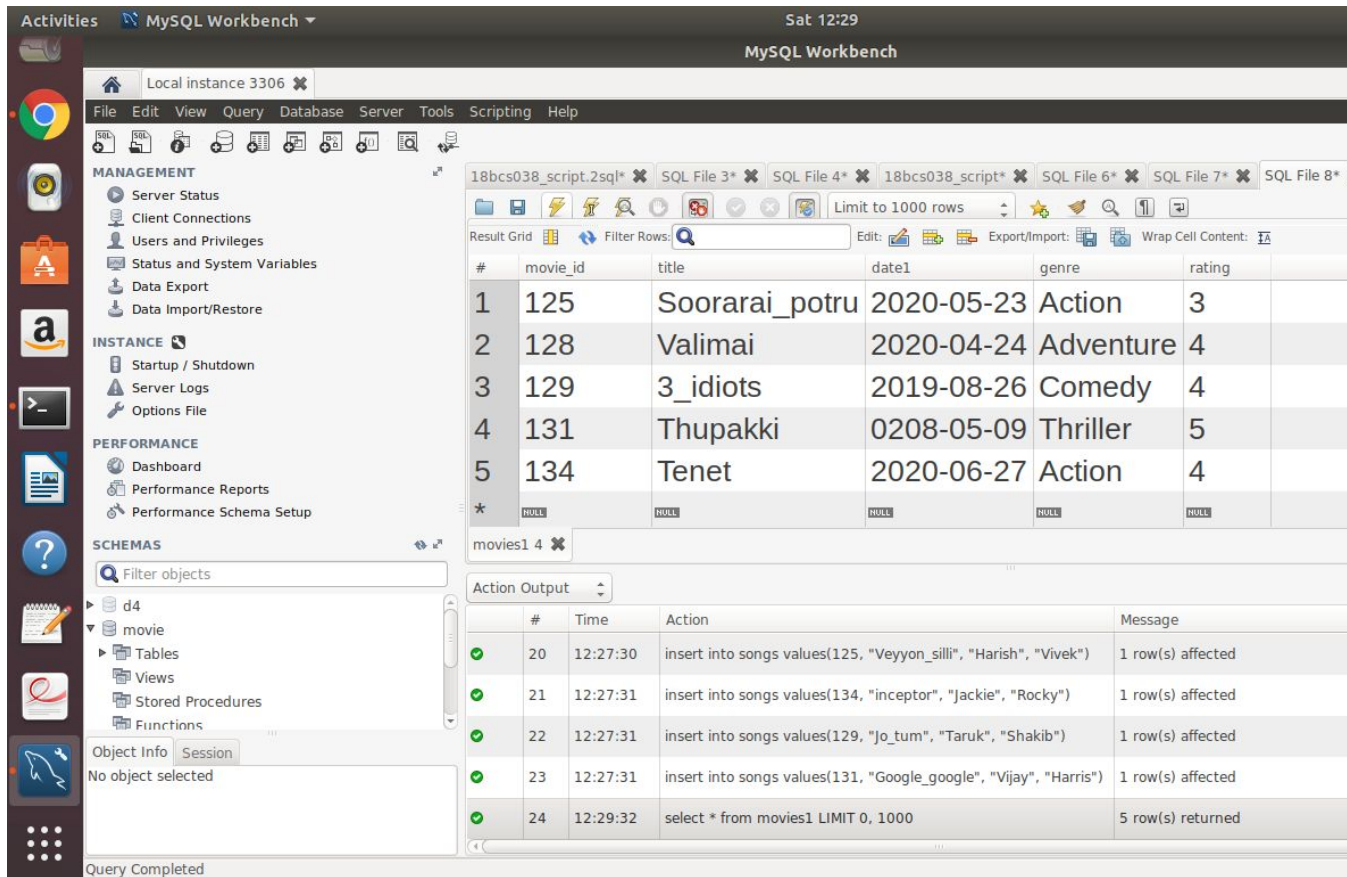

```
insert into movies1 values(129, "3_idiots",  
"2019-08-26", "Comedy", 4);  
insert into movies1 values(131, "Thupakki",  
"208-05-09", "Thriller", 5);
```

```
insert into songs values(123, "Vaathi_coming",  
"Anirudh", "Thanu");  
insert into songs values(128, "Sigaram_todu",  
"Sid_sriram", "Anirudh");  
insert into songs values(125, "Veyyon_silli",  
"Harish", "Vivek");  
insert into songs values(134, "inceptor",  
"Jackie", "Rocky");  
insert into songs values(129, "Jo_tum", "Taruk",  
"Shakib");  
insert into songs values(131, "Google_google",  
"Vijay", "Harris");
```



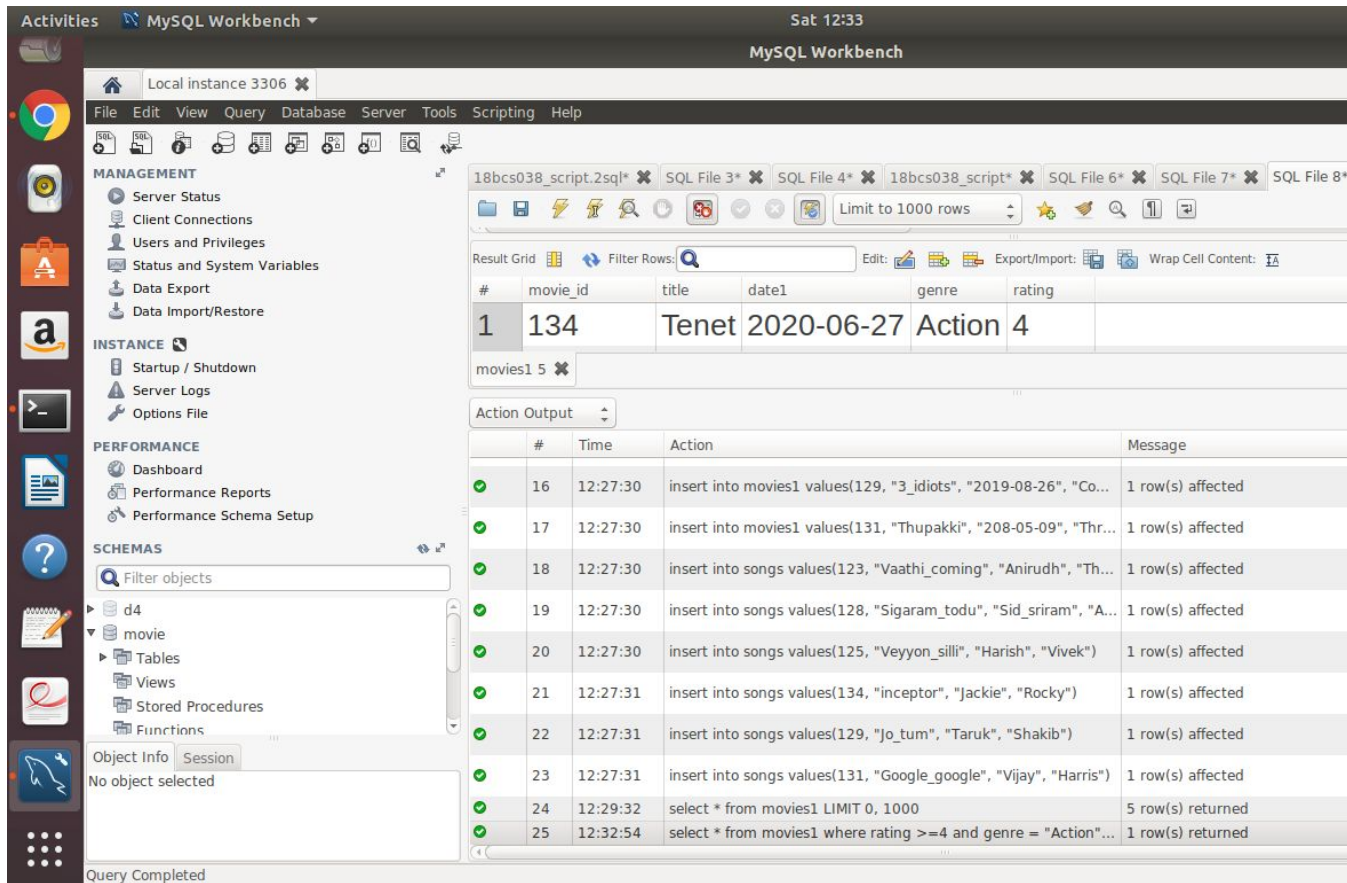
9. Show usage of a simple select statement.

Ans. select * from movies1;



10. Select statement using relational and logical operators.

Ans. select * from movies1 where rating >=4 and genre = "Action";



11. One simple subquery using select.

Ans. select * from movies1 where movie_id > 130 and title IN(select title from movies1 where title = "Thuppakki");

Activities MySQL Workbench Sat 12:44

MySQL Workbench

Local instance 3306

File Edit View Query Database Server Tools Scripting Help

18bcs038_script.2sql* SQL File 3* SQL File 4* 18bcs038_script* SQL File 6* SQL File 7* SQL File 8*

Limit to 1000 rows

MANAGEMENT

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SCHEMAS

Filter objects

d4

movie

- Tables
- Views
- Stored Procedures
- Functions

Object Info Session

No object selected

Query Completed

```
17
18 • .ng", "Anirudh", "Thanu");
19 • lu", "Sid_sriram", "Anirudh");
```

Result Grid

#	movie_id	title	date1	genre	rating
1	131	Thupakki	0208-05-09	Thriller	5
*	NULL	NULL	NULL	NULL	NULL

movies1 10

Action Output

#	Time	Action	Message
27	12:36:25	select * from movies1 where movie_id > 130 and title IN(select ...	Error Code: 1064. You have an err
28	12:38:33	select * from movies1 where movie_id > 130 and title IN(select...	0 row(s) returned
29	12:41:04	select * from movies1 LIMIT 0, 1000	5 row(s) returned
30	12:41:41	use movie	0 row(s) affected
31	12:42:00	select * from movies1 where movie_id > 130 and title IN(select...	0 row(s) affected returned
32	12:43:01	select * from movies1 where movie_id > 130 and title IN(select...	1 row(s) returned

Action: use movie
Response: 0 row(s) affected
Duration: 0.00018 sec