DBMS Assignment - 2

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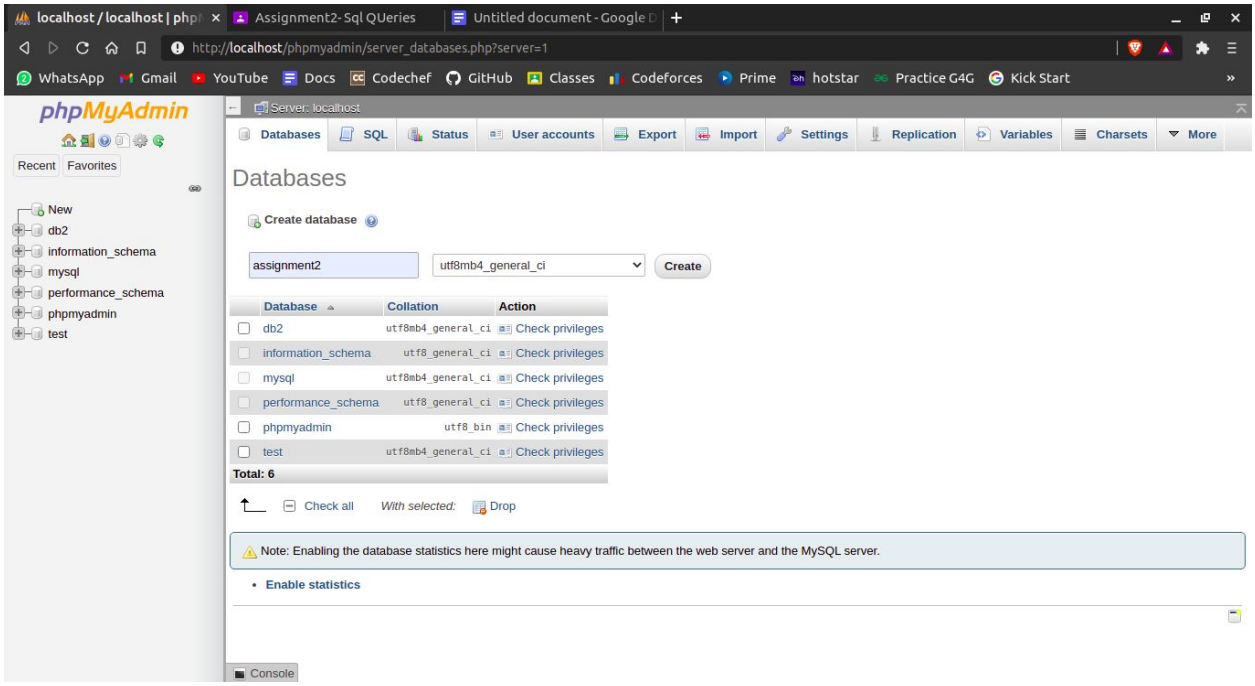
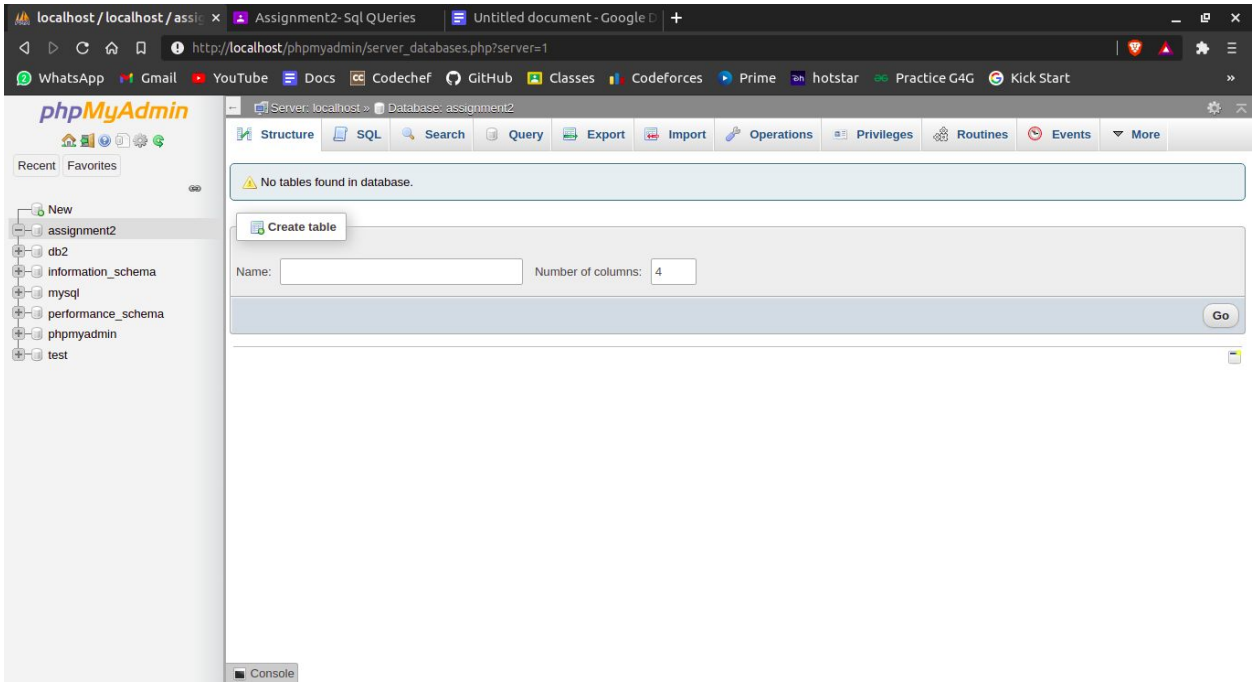
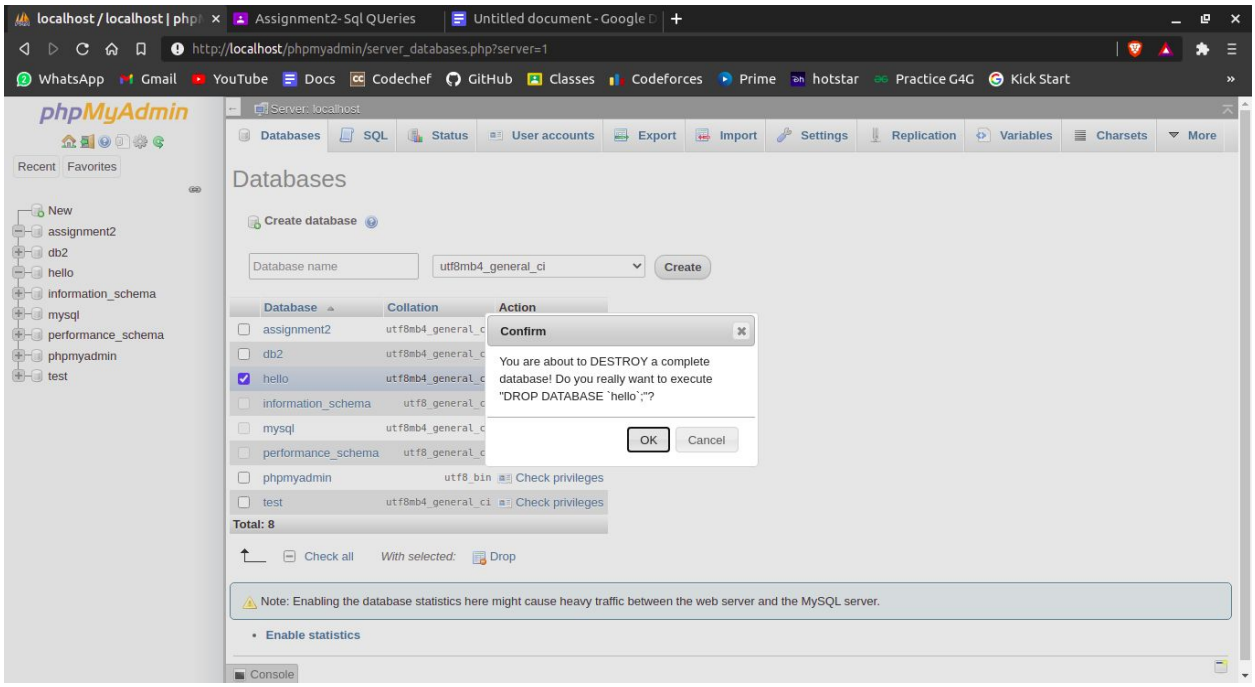
Reg. No. : 19BCS089

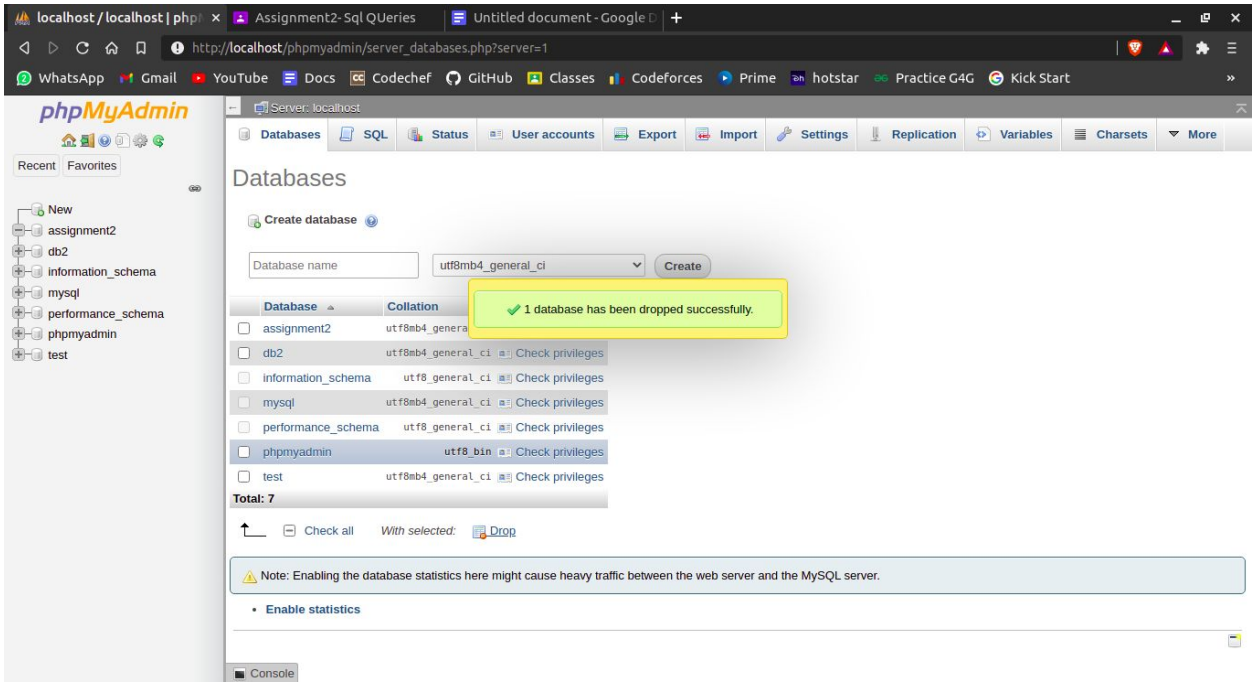
Q.1. Show how to Create and Drop Database.

Sol.



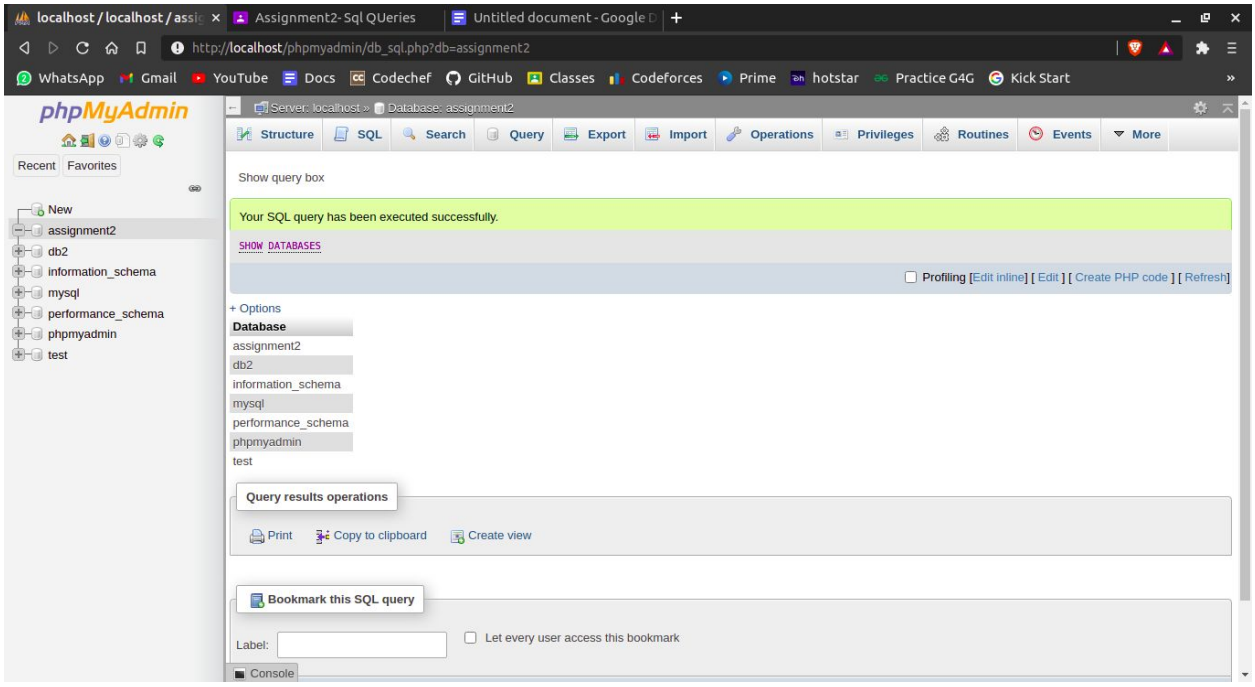

localhost / localhost / assig
Assignment2- Sql QUeries
Untitled document - Google D
http://localhost/phpmyadmin/server_databases.php?server=1
WhatsApp
Gmail
YouTube
Docs
Codechef
GitHub
Classes
Codeforces
Prime
hotstar
Practice G4G
Kick Start
phpMyAdmin
Recent
Favorites
New
assignment2
db2
information_schema
mysql
performance_schema
phpmyadmin
test
Server: localhost » Database: assignment2
Structure
SQL
Search
Query
Export
Import
Operations
Privileges
Routines
Events
More
No tables found in database.
Create table
Name:
Number of columns:
4
Go
Console


localhost / localhost | php
Assignment2- Sql QUeries
Untitled document - Google D
http://localhost/phpmyadmin/server_databases.php?server=1
WhatsApp
Gmail
YouTube
Docs
Codechef
GitHub
Classes
Codeforces
Prime
hotstar
Practice G4G
Kick Start
phpMyAdmin
Recent
Favorites
New
assignment2
db2
hello
information_schema
mysql
performance_schema
phpmyadmin
test
Server: localhost
Databases
SQL
Status
User accounts
Export
Import
Settings
Replication
Variables
Charsets
More
Databases
Create database
Database name
utf8mb4_general_ci
Create
Database
Collation
Action
assignment2
db2
hello
information_schema
mysql
performance_schema
phpmyadmin
utf8_bin
Check privileges
test
utf8mb4_general_ci
Check privileges
Total: 8
Confirm
You are about to DESTROY a complete database! Do you really want to execute "DROP DATABASE `hello`;"?
OK
Cancel
Check all
With selected:
Drop
Note: Enabling the database statistics here might cause heavy traffic between the web server and the MySQL server.
Enable statistics
Console



Q.2. Show all the Databases are in the system.

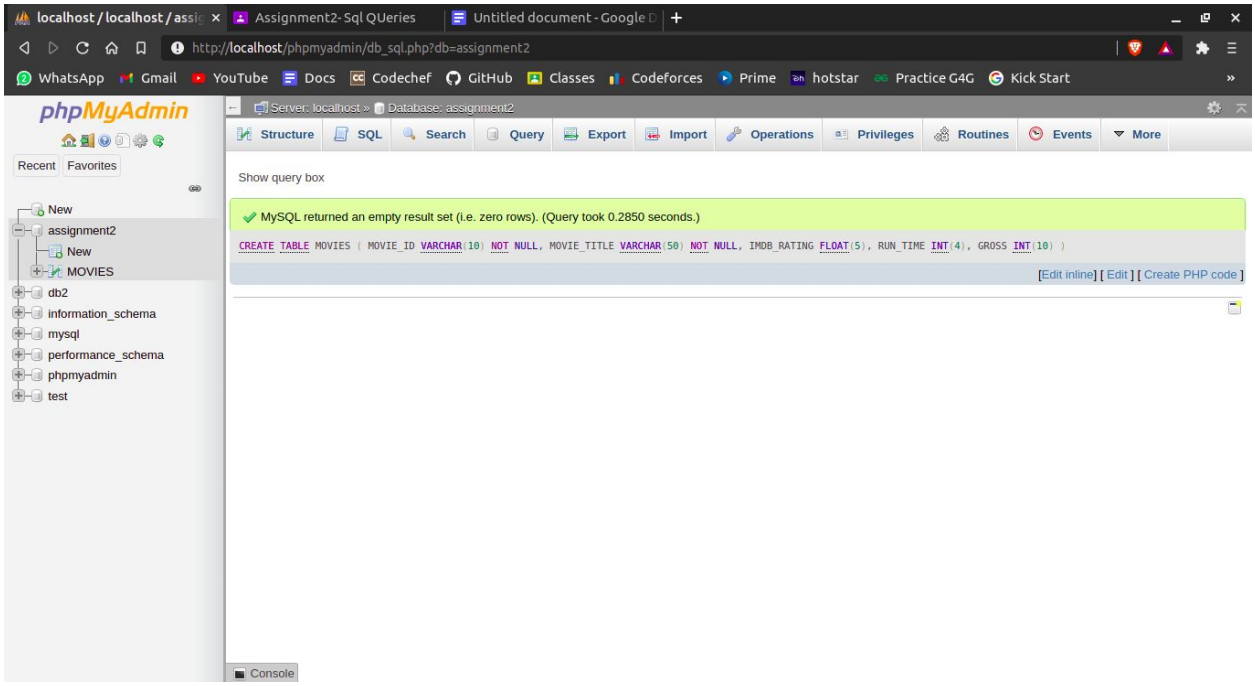
Sol. Query: SHOW DATABASES;



Q.3. Create a Table for your Database.

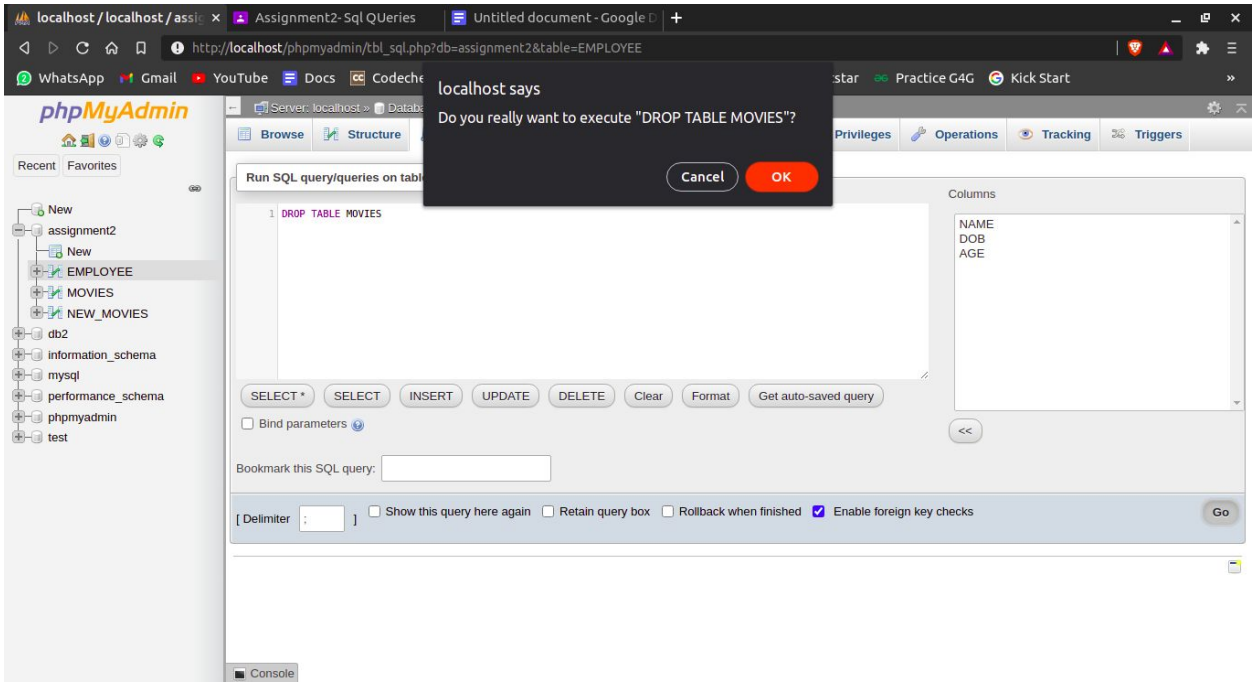
Sol. Query:

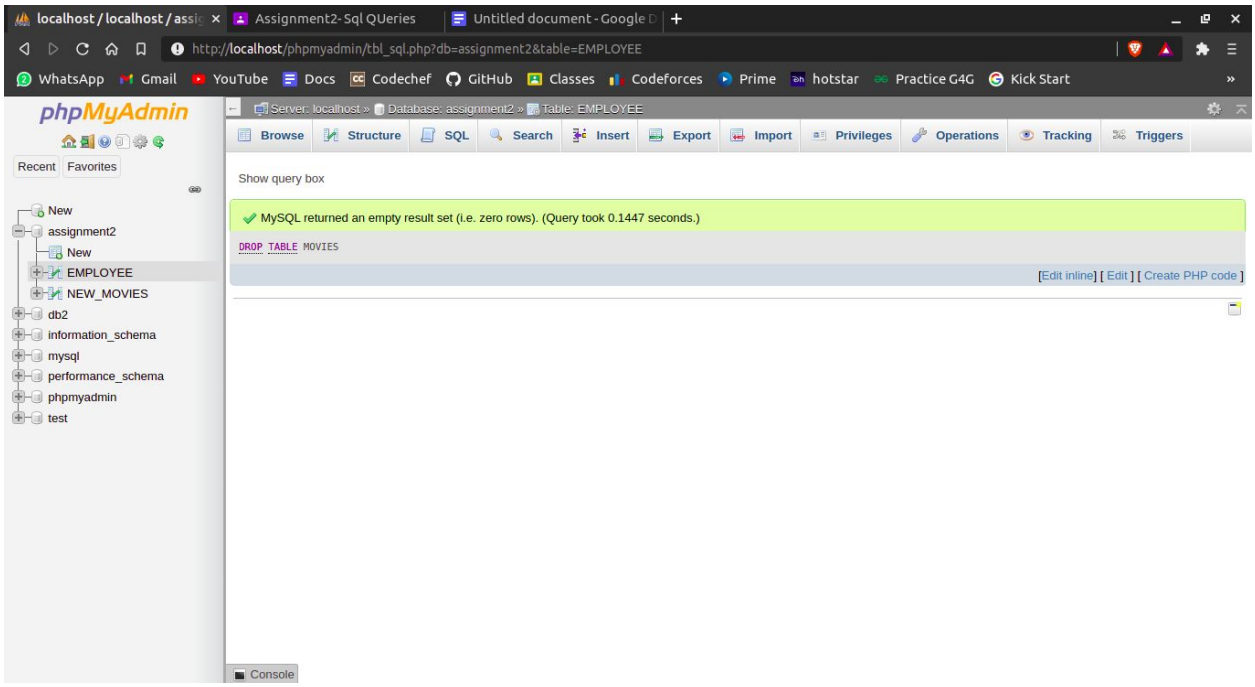
```
CREATE TABLE MOVIES (
    MOVIE_ID VARCHAR(10) NOT NULL,
    MOVIE_TITLE VARCHAR(50) NOT NULL,
    IMDB_RATING FLOAT(5),
    RUN_TIME INT(4),
    GROSS INT(10)
    )
```



Q.4. Drop table.

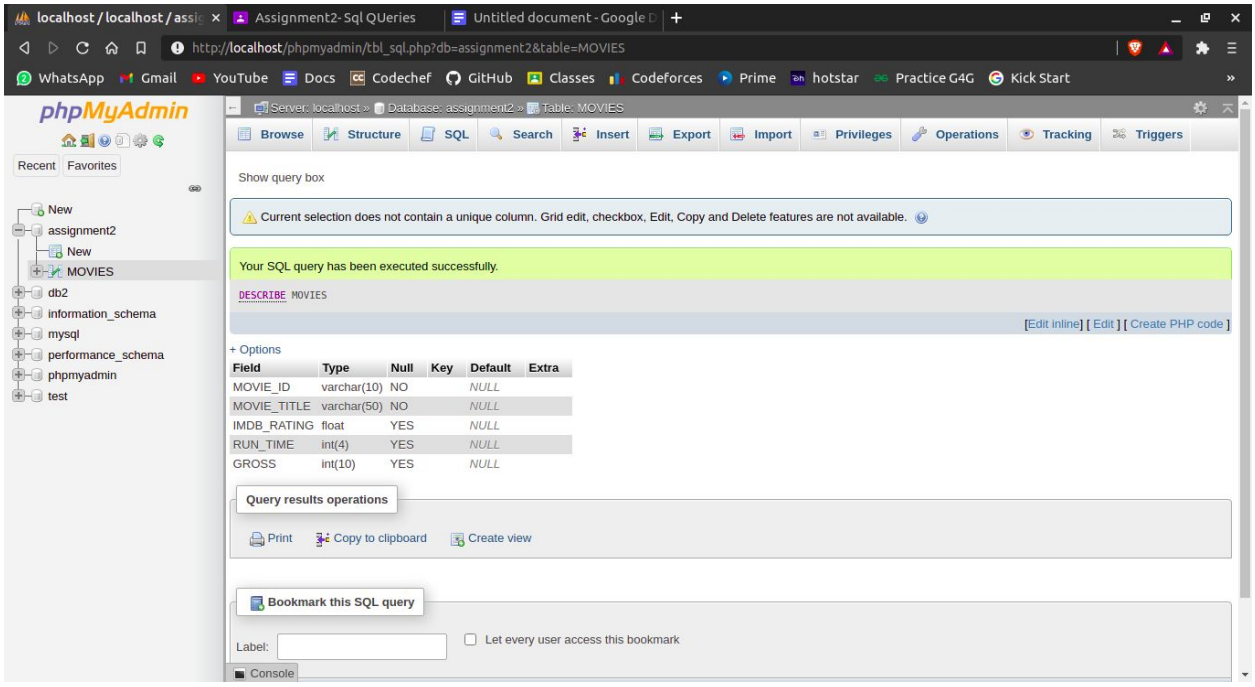
Sol: Query: DROP TABLE MOVIES





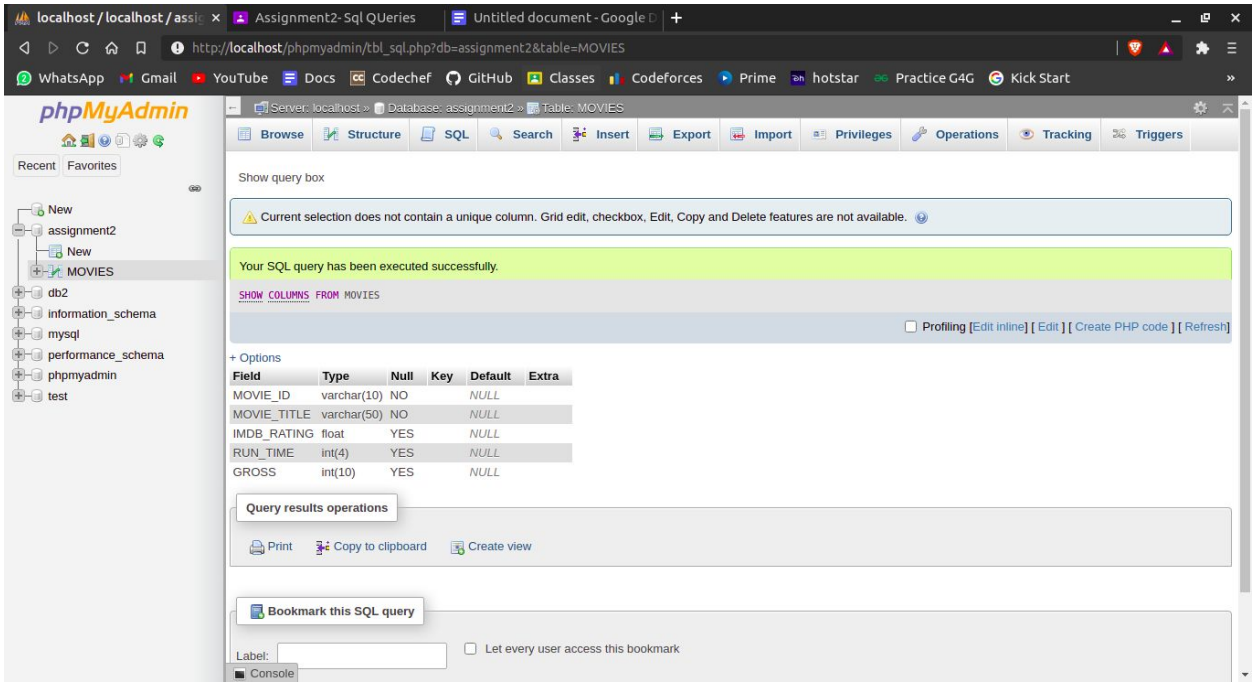
Q.5. Show how to check the schema of the tables.

Sol: Query: DESCRIBE MOVIES

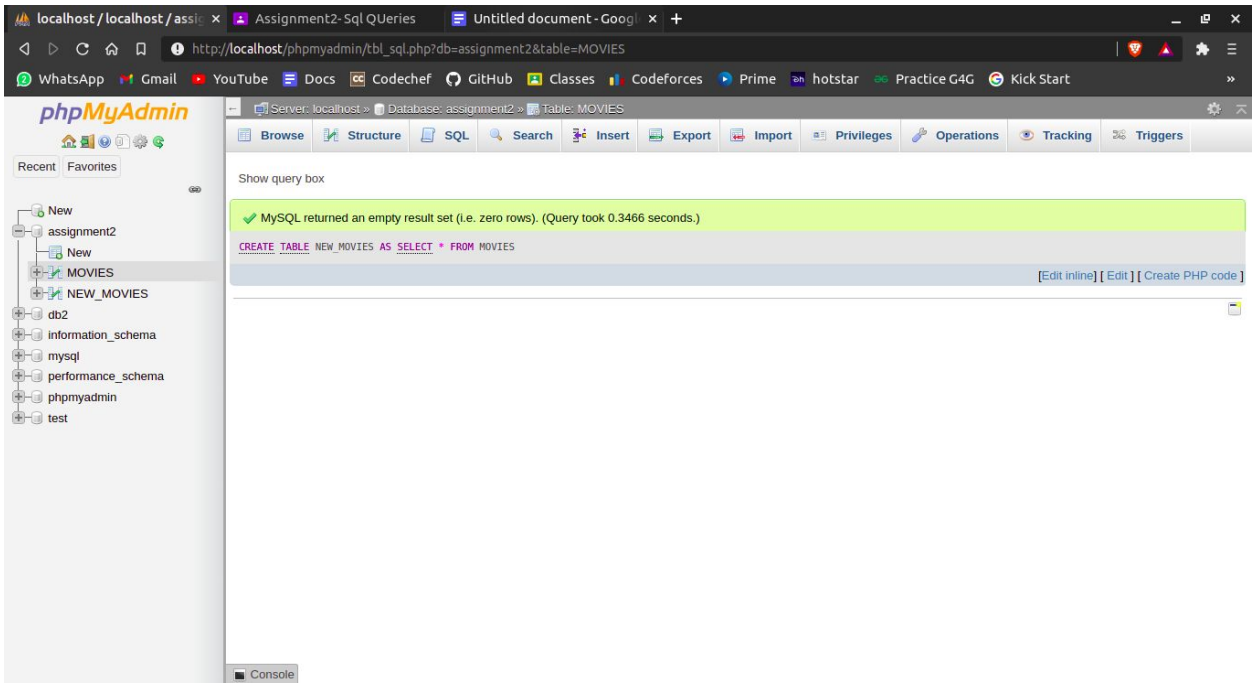


Q.6. Show all the tables from the database (This is not done in class).

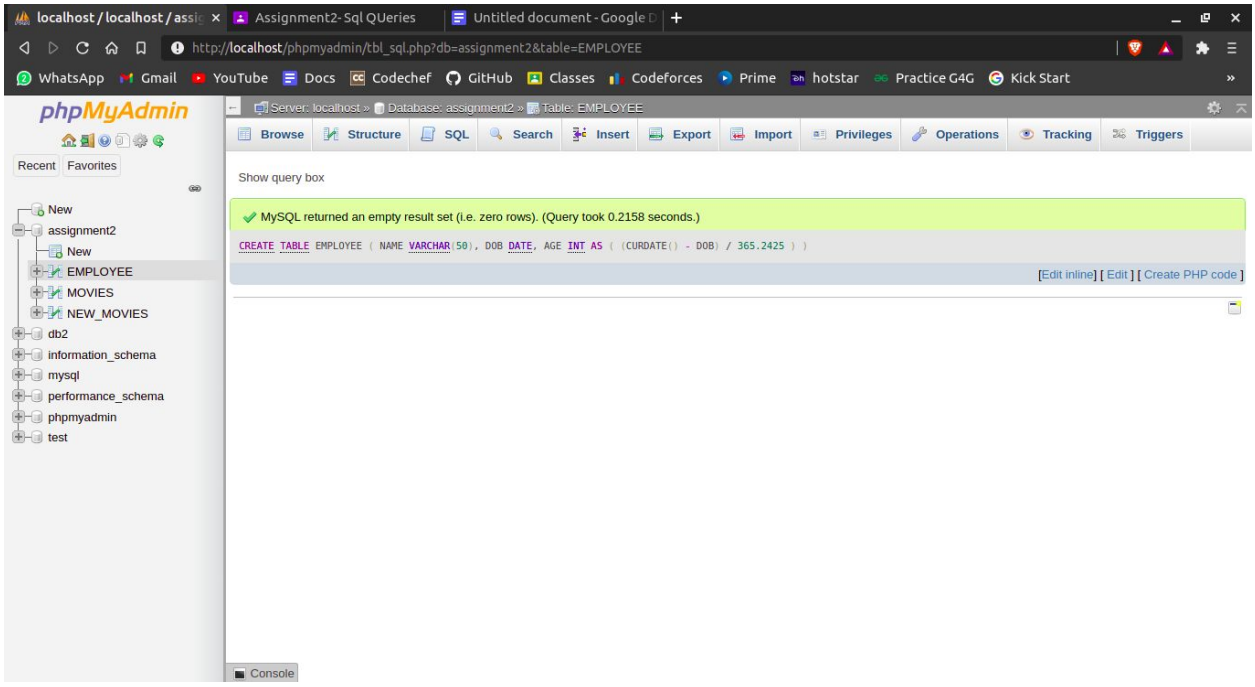
Sol: Query: SHOW COLUMNS FROM MOVIES



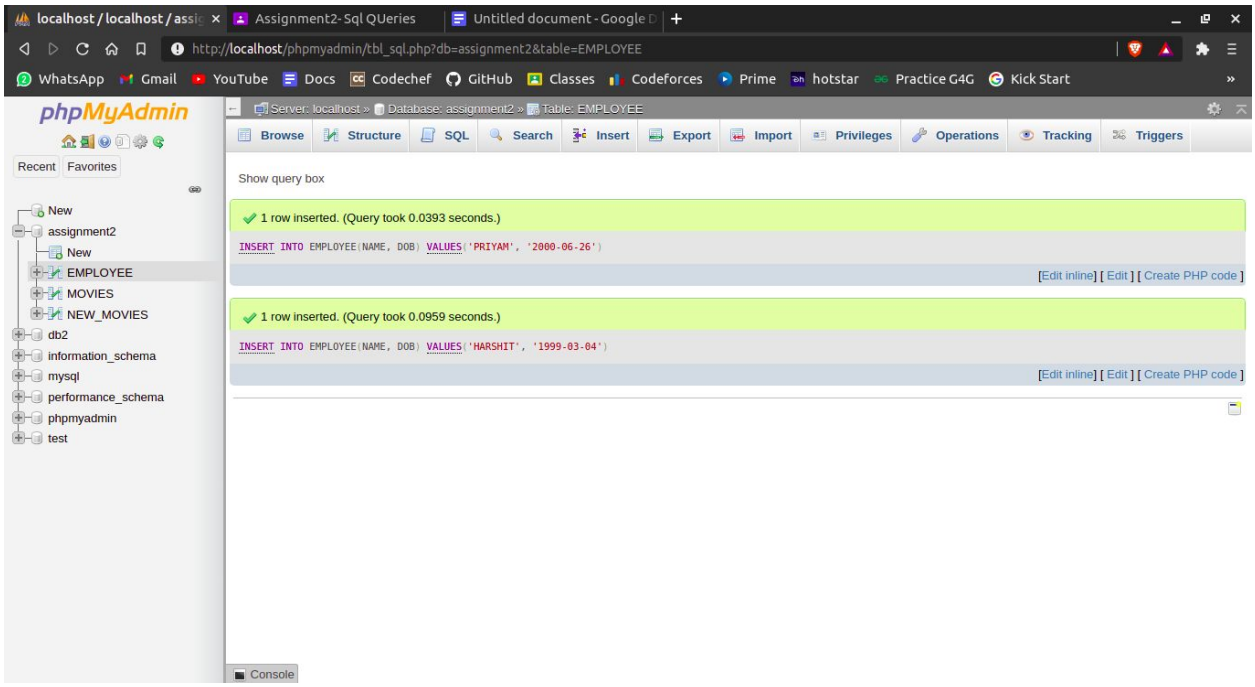
Q.7. Create Table using Select Statement.
Sol: Query: CREATE TABLE NEW_MOVIES AS SELECT * FROM MOVIES;



Q.8. Create a table which has a derived attribute. (Example can be Age is a derived attribute from Date of Birth. You should try this as well).
Sol: Query: CREATE TABLE EMPLOYEE (
NAME VARCHAR(50),
DOB DATE,
AGE INT AS ((CURDATE() - DOB) / 365.2425)
)



INSERT INTO EMPLOYEE(NAME, DOB) VALUES('PRIYAM', '2000-06-26');
INSERT INTO EMPLOYEE(NAME, DOB) VALUES('HARSHIT', '1999-03-04');



SELECT * FROM `EMPLOYEE` WHERE 1