

NAMA : Nadhia Rizky Aulia
NIM : 63231215
KELAS/RUANG : 63.2A.30 – 305-P1
MATA KULIAH : Pemrograman Basis Data
PROGRAM STUDI : Sistem Informasi Akuntansi (D3)
FAKULTAS : Teknik dan Informatika
UNIVERSITAS : Universitas Bina Sarana Informatika Kampus Pontianak (UBSI Pontianak)

DOSEN PENGAMPU : Reza Maulana, S.Kom, M.Kom

Selasa, 07 Mei 2024

LTM PERTEMUAN 6 : LATIHAN SOAL REVIEW MATERI

TUGAS :

Kerjakan dan upload ke Github, hasil running program di screenshot, masukkan hasil dan linknya kedalam dokumen word/pdf sertakan Nama, Nim dan Kelas !

LATIHAN SOAL Minggu ke-VII

Berikut ini soal beserta jawaban (hasil running program) berupa screenshot dari aplikasi Command Prompt yang akan saya tampilkan dibawah ini, sebagai berikut :

SOAL dan JAWABAN :

1. SOAL :

Buat sebuah database dengan nama “NIMMasingmasing_review”, kemudian tampilkan seluruh daftar database yang ada.

JAWABAN :

Menampilkan hasil screenshot berupa sebuah database dengan nama “63231215_review”, kemudian tampilkan seluruh daftar database yang ada, sebagai berikut :

```
Administrator: Command Prompt - "xampp/mysql/bin/mysql.exe" -u root -p
Microsoft Windows [Version 10.0.22621.2283]
(c) Microsoft Corporation. All rights reserved.

C:\Windows\System32>cd c:\

c:\>"xampp/mysql/bin/mysql.exe" -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 12
Server version: 10.4.32-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> create database 63231215_review;
Query OK, 1 row affected (0.001 sec)

MariaDB [(none)]> show databases;
+-----+
| Database |
+-----+
| 63231215_bab3a |
| 63231215_bab4 |
| 63231215_bab5 |
| 63231215_review |
| db_63231215 |
| db_dml_lanjutan |
| db_latihan1 |
| db_latihan_dml |
| db_perpusweb |
| information_schema |
| komik_cobal |
| mysql |
| performance_schema |
| phpmyadmin |
| test |
+-----+
15 rows in set (0.001 sec)

MariaDB [(none)]>
```

Gambar 1 : Screenshot Tampilan Database “63231215_review” dan Seluruh Daftar Database.

2. SOAL :

Aktifkan database NIMMasingmasing_review.

JAWABAN :

Menampilkan hasil screenshot berupa pengaktifan database “63231215_review”, sebagai berikut :

```
Administrator: Command Prompt - "xampp/mysql/bin/mysql.exe" -u root -p
+-----+
15 rows in set (0.001 sec)

MariaDB [(none)]> use 63231215_review;
Database changed
MariaDB [63231215_review]>
```

Gambar 2 : Screenshot Tampilan Pengaktifan Database “63231215_review”.

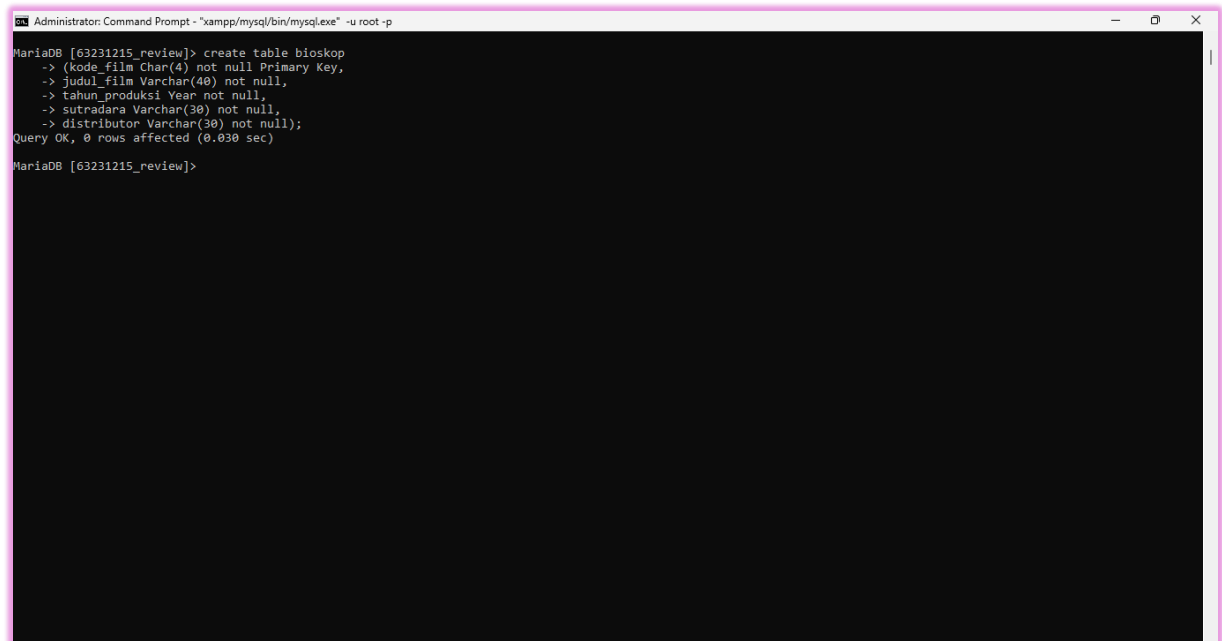
3. SOAL :

Buat tabel bernama "bioskop", dengan ketentuan sebagai berikut :

Field	Type	Size	Keterangan
kode_film	Char	4	Primary Key
judul_film	Varchar	40	
tahun_produksi	Year		
sutradara	Varchar	30	
distributor	Varchar	30	

JAWABAN :

Menampilkan hasil screenshot berupa membuat tabel bernama "bioskop", dengan ketentuannya, sebagai berikut :



```
Administrator: Command Prompt - "xampp/mysql/bin/mysql.exe" -u root -p
MariaDB [63231215_review]> create table bioskop
-> (kode_film Char(4) not null Primary Key,
-> judul_film Varchar(40) not null,
-> tahun_produksi Year not null,
-> sutradara Varchar(30) not null,
-> distributor Varchar(30) not null);
Query OK, 0 rows affected (0.030 sec)
MariaDB [63231215_review]>
```

Gambar 3 : Screenshot Tampilan Pembuatan Tabel “bioskop”.

4. SOAL :

Lihat struktur tabel bioskop.

JAWABAN :

Menampilkan hasil screenshot berupa melihat struktur tabel “bioskop”, sebagai berikut :

```
Administrator: Command Prompt - "xampp/mysql/bin/mysql.exe" -u root -p
MariaDB [63231215_review]> desc bioskop;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| kode_fil | char(4) | NO | PRI | NULL |  |
| judul_fil | varchar(40) | NO |  | NULL |  |
| tahun_produksi | year(4) | NO |  | NULL |  |
| sutradara | varchar(30) | NO |  | NULL |  |
| distributor | varchar(30) | NO |  | NULL |  |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.009 sec)

MariaDB [63231215_review]>
```

Gambar 4 : Screenshot Tampilan Struktur Tabel “bioskop”.

5. SOAL :

Isikan data untuk tabel bioskop, dengan data sebagai berikut :

kode_fil	judul_fil	tahun_produksi	sutradara	distributor
F001	Avengers: Endgame	2019	Russo Brothers	Marvel Studios
F002	Avatar	2009	James Cameron	Fox
F003	Titanic	1997	James Cameron	Paramount
F004	Star Wars: The Force Awakens	2015	J.J. Abrams	Marvel Studios
F005	Avengers: Infinity War	2018	Russo Brothers	Marvel Studios

JAWABAN :

Menampilkan screenshot berupa mengisi data untuk tabel “bioskop”, dengan datanya, sebagai berikut :

```
Administrator: Command Prompt - "xampp/mysql/bin/mysql.exe" -u root -p
MariaDB [63231215_review]> insert into bioskop
-> (kode_film, judul_film, tahun_produksi, sutradara, distributor)
-> values
-> ('F001','Avengers: Endgame','2019','Russo Brothers','Marvel Studios'),
-> ('F002','Avatar','2009','James Cameron','Fox'),
-> ('F003','Titanic','1997','James Cameron','Paramount'),
-> ('F004','Star Wars: The Force Awakens','2015','J.J. Abrams','Marvel Studios'),
-> ('F005','Avengers: Infinity War','2018','Russo Brothers','Marvel Studios');
Query OK, 5 rows affected (0.015 sec)
Records: 5 Duplicates: 0 Warnings: 0
MariaDB [63231215_review]> _
```

Gambar 5 : Screenshot Tampilan Isi Data Tabel “bioskop”.

6. SOAL :

Tampilkan isi seluruh record pada tabel bioskop.

JAWABAN :

Menampilkan hasil screenshot berupa tampilan isi seluruh record pada tabel “bioskop”, sebagai berikut :

```
Administrator: Command Prompt - "xampp/mysql/bin/mysql.exe" -u root -p
MariaDB [63231215_review]> select * from bioskop;
+-----+-----+-----+-----+-----+
| kode_film | judul_film | tahun_produksi | sutradara | distributor |
+-----+-----+-----+-----+-----+
| F001      | Avengers: Endgame | 2019          | Russo Brothers | Marvel Studios |
| F002      | Avatar          | 2009          | James Cameron  | Fox           |
| F003      | Titanic         | 1997          | James Cameron  | Paramount     |
| F004      | Star Wars: The Force Awakens | 2015          | J.J. Abrams    | Marvel Studios |
| F005      | Avengers: Infinity War | 2018          | Russo Brothers | Marvel Studios |
+-----+-----+-----+-----+-----+
5 rows in set (0.003 sec)
MariaDB [63231215_review]> _
```

Gambar 6 : Screenshot Tampilan Seluruh Isi Record Tabel “bioskop”.

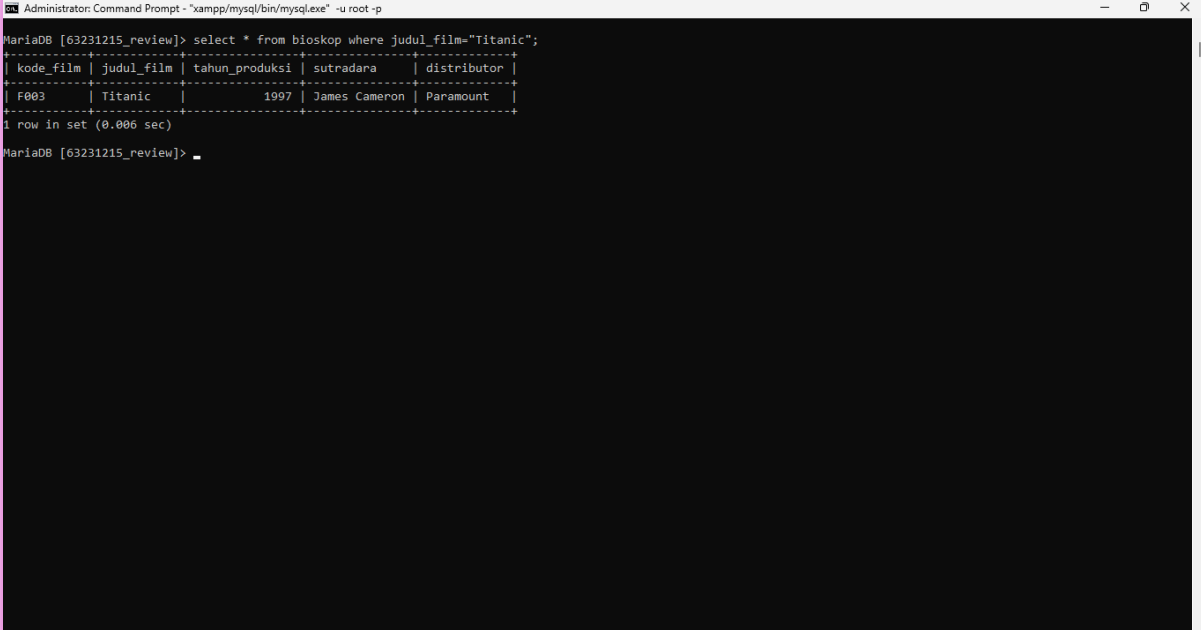
7. SOAL :

Tampilkan isi record tabel bioskop, hanya Judul Film = "Titanic".

JAWABAN :

Menampilkan hasil screenshot berupa tampilan isi record tabel “bioskop”, hanya

judul film = "Titanic", sebagai berikut :



```
Administrator: Command Prompt - "xampp/mysql/bin/mysql.exe" -u root -p
MariaDB [63231215_review]> select * from bioskop where judul_film="Titanic";
+-----+-----+-----+-----+-----+
| kode_film | judul_film | tahun_produksi | sutradara | distributor |
+-----+-----+-----+-----+-----+
| F003      | Titanic    | 1997           | James Cameron | Paramount    |
+-----+-----+-----+-----+-----+
1 row in set (0.006 sec)

MariaDB [63231215_review]> _
```

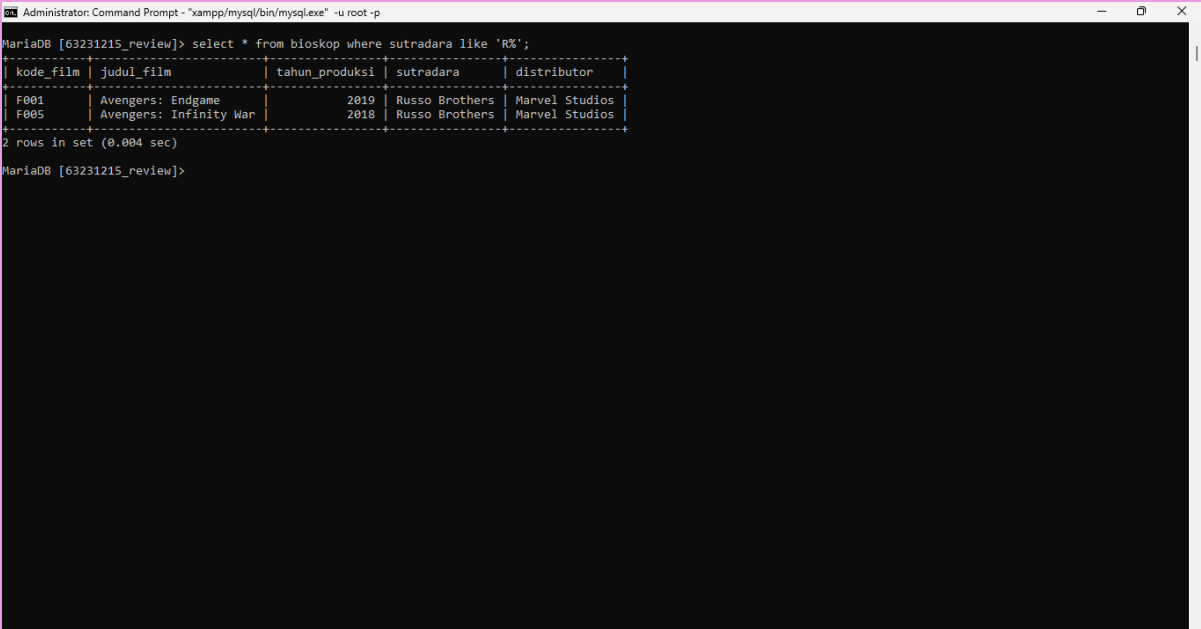
Gambar 7 : Screenshot Tampilan Isi Record Tabel “bioskop” Field “judul_film”.

8. **SOAL :**

Tampilkan isi record dengan Sutradara depan huruf berawalan= "R".

JAWABAN :

Menampilkan hasil screenshot berupa tampilan isi record dengan sutradara depan huruf berawalan= "R", sebagai berikut :



```
Administrator: Command Prompt - "xampp/mysql/bin/mysql.exe" -u root -p
MariaDB [63231215_review]> select * from bioskop where sutradara like 'R%';
+-----+-----+-----+-----+-----+
| kode_film | judul_film | tahun_produksi | sutradara | distributor |
+-----+-----+-----+-----+-----+
| F001      | Avengers: Endgame | 2019           | Russo Brothers | Marvel Studios |
| F005      | Avengers: Infinity War | 2018           | Russo Brothers | Marvel Studios |
+-----+-----+-----+-----+-----+
2 rows in set (0.004 sec)

MariaDB [63231215_review]>
```

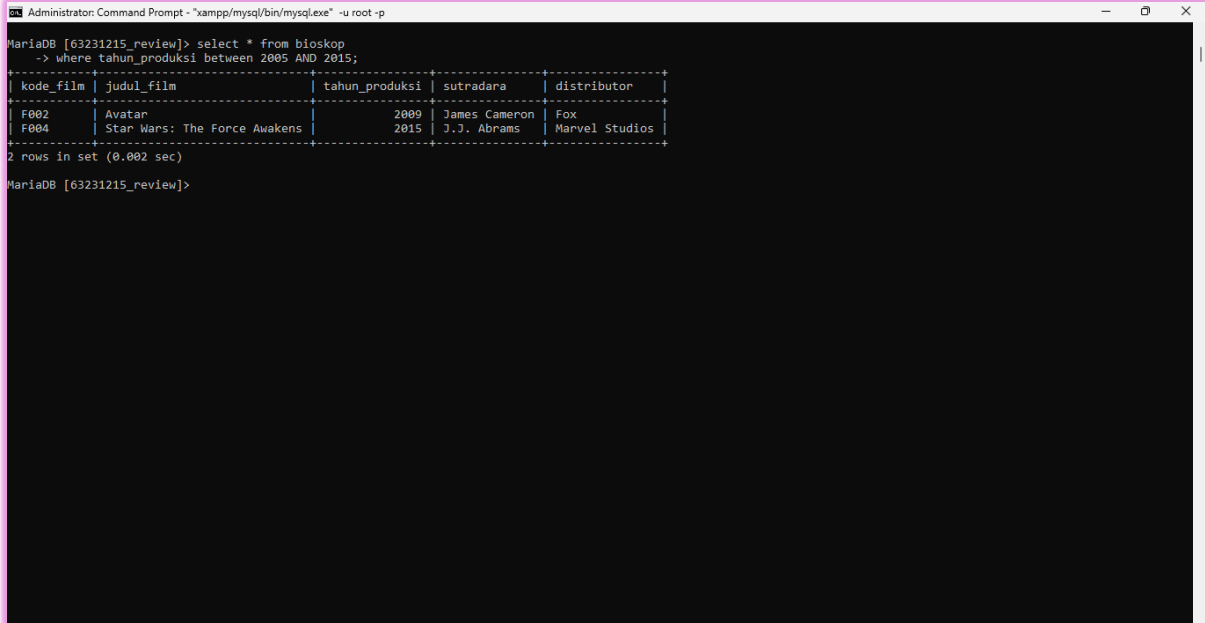
Gambar 8 : Screenshot Tampilan Isi Record Tabel “bioskop” Field “sutradara”.

9. **SOAL :**

Tampilkan isi record bioskop dimana Tahun Produksi berada diantara tahun 2005-2015.

JAWABAN :

Menampilkan hasil screenshot berupa tampilan isi record “bioskop” dimana tahun produksi berada diantara tahun 2005-2015, sebagai berikut :



```
Administrator: Command Prompt - "xampp/mysql/bin/mysql.exe" -u root -p
MariaDB [63231215_review]> select * from bioskop
-> where tahun_produksi between 2005 AND 2015;
+----+-----+-----+-----+-----+
| kode_film | judul_film | tahun_produksi | sutradara | distributor |
+----+-----+-----+-----+-----+
| F002      | Avatar     | 2009           | James Cameron | Fox         |
| F004      | Star Wars: The Force Awakens | 2015           | J.J. Abrams   | Marvel Studios |
+----+-----+-----+-----+-----+
2 rows in set (0.002 sec)

MariaDB [63231215_review]>
```

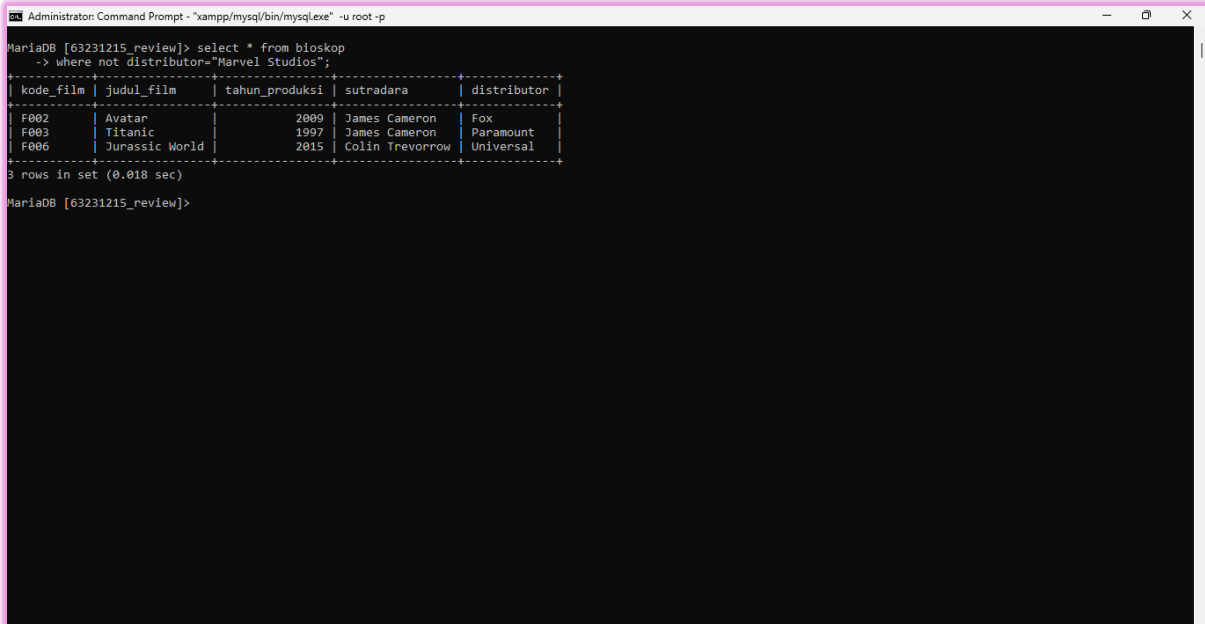
Gambar 9 : Screenshot Tampilan Isi Record Tabel “bioskop” Field “tahun_produksi”.

10. SOAL :

Tampilkan isi record dengan Distributor kecuali Marvel Studios.

JAWABAN :

Menampilkan hasil screenshot berupa tampilan isi record dengan distributor kecuali “Marvel Studios”, sebagai berikut :



```
Administrator: Command Prompt - "xampp/mysql/bin/mysql.exe" -u root -p
MariaDB [63231215_review]> select * from bioskop
-> where not distributor="Marvel Studios";
+----+-----+-----+-----+-----+
| kode_film | judul_film | tahun_produksi | sutradara | distributor |
+----+-----+-----+-----+-----+
| F002      | Avatar     | 2009           | James Cameron | Fox         |
| F003      | Titanic    | 1997           | James Cameron | Paramount   |
| F006      | Jurassic World | 2015           | Colin Trevorrow | Universal   |
+----+-----+-----+-----+-----+
3 rows in set (0.018 sec)

MariaDB [63231215_review]>
```

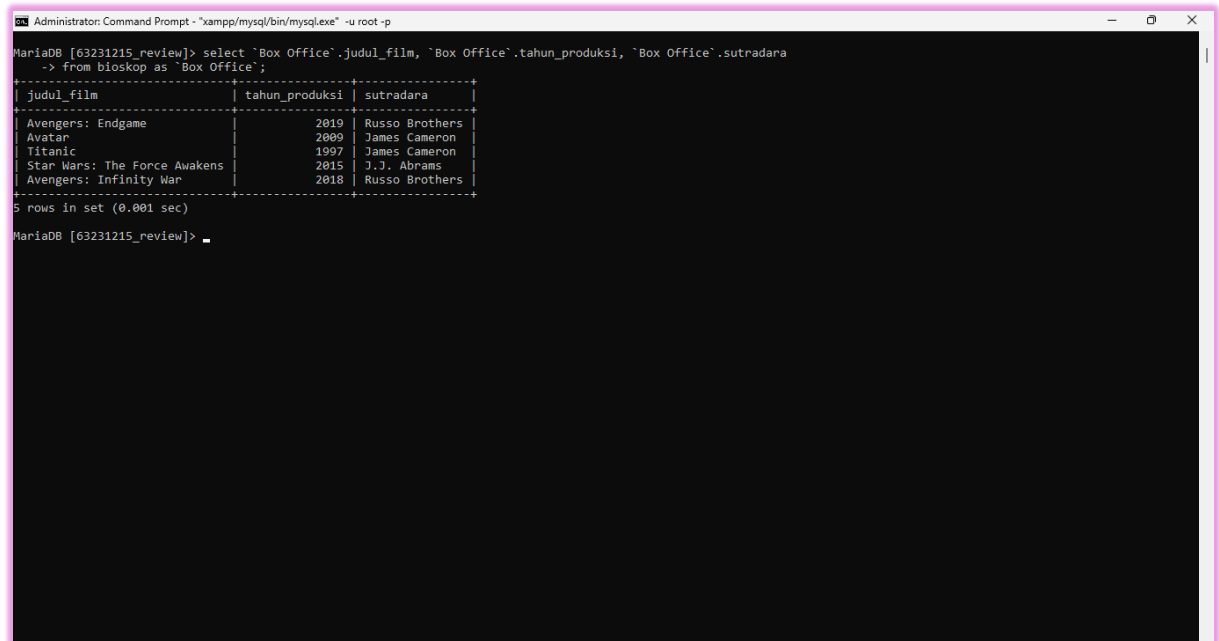
Gambar 10 : Screenshot Tampilan Isi Record Tabel “bioskop” Field “distributor”.

11. SOAL :

Buat alias untuk tabel dengan nama "Box Office", kemudian tampilkan record hanya field "judul_film", "tahun_produksi", "sutradara".

JAWABAN :

Menampilkan hasil screenshot berupa membuat alias untuk tabel dengan nama "Box Office", kemudian tampilkan record hanya field "judul_film", "tahun_produksi", "sutradara", sebagai berikut :



```
Administrator: Command Prompt - "xampp/mysql/bin/mysql.exe" -u root -p
MariaDB [63231215_review]> select `Box Office`.judul_film, `Box Office`.tahun_produksi, `Box Office`.sutradara
-> from bioskop as `Box Office`;
+-----+-----+-----+
| judul_film | tahun_produksi | sutradara |
+-----+-----+-----+
| Avengers: Endgame | 2019 | Russo Brothers |
| Avatar | 2009 | James Cameron |
| Titanic | 1997 | James Cameron |
| Star Wars: The Force Awakens | 2015 | J.J. Abrams |
| Avengers: Infinity War | 2018 | Russo Brothers |
+-----+-----+-----+
5 rows in set (0.001 sec)

MariaDB [63231215_review]>
```

Gambar 11 : Screenshot Tampilan Isi Record Tabel “bioskop”.

12. SOAL :

Tampilkan jumlah data dari tabel bioskop.

JAWABAN :

Menampilkan hasil screenshot berupa tampilan jumlah data dari tabel “bioskop”, sebagai berikut :


```
Administrator: Command Prompt - "xampp/mysql/bin/mysql.exe" -u root -p
MariaDB [63231215_review]> select COUNT(*) from bioskop;
+-----+
| COUNT(*) |
+-----+
|         5 |
+-----+
1 row in set (0.001 sec)
MariaDB [63231215_review]>
```

Gambar 12 : Screenshot Tampilan Jumlah Data Tabel “bioskop”.

13. **SOAL :**

Ubah isi record untuk Sutradara "Russo Brothers", menjadi "Joe Russo & Anthony Russo".

JAWABAN :

Menampilkan hasil screenshot berupa mengubah isi record untuk Sutradara "Russo Brothers", menjadi "Joe Russo & Anthony Russo", sebagai berikut :

```
Administrator: Command Prompt - "xampp/mysql/bin/mysql.exe" -u root -p
MariaDB [63231215_review]> update bioskop
-> set sutradara="Joe Russo & Anthony Russo"
-> where sutradara="Russo Brothers";
Query OK, 2 rows affected (0.007 sec)
Rows matched: 2  Changed: 2  Warnings: 0

MariaDB [63231215_review]> select * from bioskop;
+-----+-----+-----+-----+-----+
| kode_film | judul_film | tahun_produksi | sutradara | distributor |
+-----+-----+-----+-----+-----+
| F001 | Avengers: Endgame | 2019 | Joe Russo & Anthony Russo | Marvel Studios |
| F002 | Avatar | 2009 | James Cameron | Fox |
| F003 | Titanic | 1997 | James Cameron | Paramount |
| F004 | Star Wars: The Force Awakens | 2015 | J.J. Abrams | Marvel Studios |
| F005 | Avengers: Infinity War | 2018 | Joe Russo & Anthony Russo | Marvel Studios |
+-----+-----+-----+-----+-----+
5 rows in set (0.001 sec)
MariaDB [63231215_review]>
```

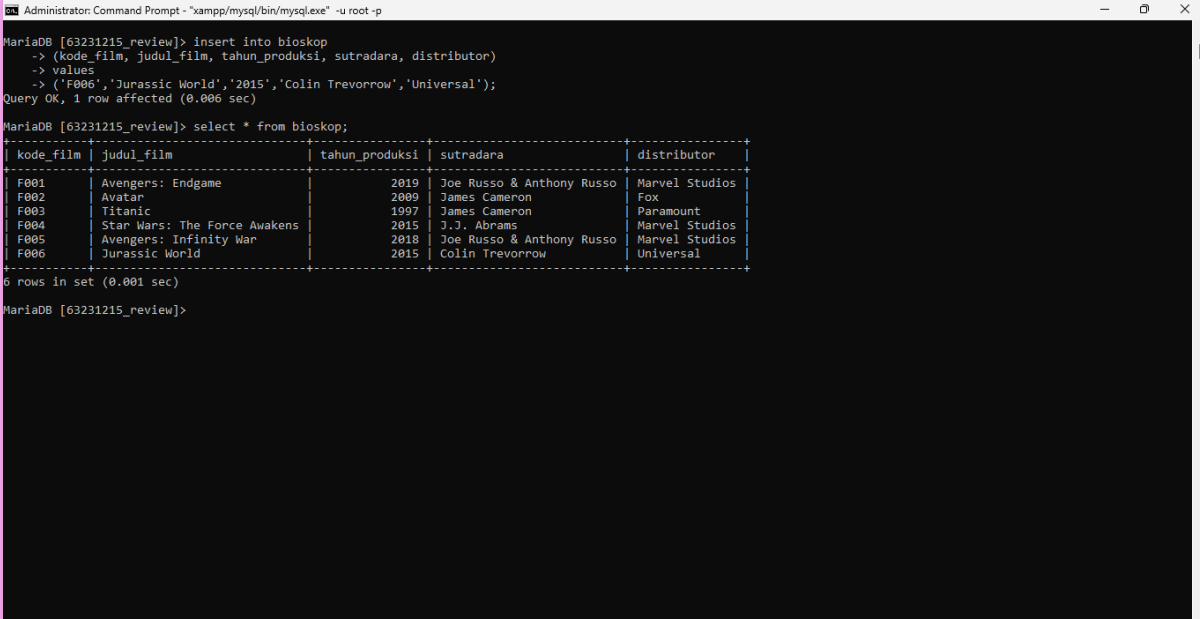
Gambar 13 : Sceenshot Tampilan Jumlah Data Tabel “bioskop”.

14. **SOAL :**

Tambahkan isi record baru, yaitu kode_film="F006", judul_film="Jurassic World", tahun_produksi="2015", sutradara="Colin Trevorrow", distributor="Universal".

JAWABAN :

Menampilkan hasil screenshot berupa menambah isi record baru, yaitu kode_film="F006", judul_film="Jurassic World", tahun_produksi="2015", sutradara="Colin Trevorrow", distributor="Universal", sebagai berikut :



```
Administrator: Command Prompt - "xampp/mysql/bin/mysql.exe" -u root -p
MariaDB [63231215_review]> insert into bioskop
-> (kode_film, judul_film, tahun_produksi, sutradara, distributor)
-> values
-> ('F006','Jurassic World','2015','Colin Trevorrow','Universal');
Query OK, 1 row affected (0.006 sec)

MariaDB [63231215_review]> select * from bioskop;
```

kode_film	judul_film	tahun_produksi	sutradara	distributor
F001	Avengers: Endgame	2019	Joe Russo & Anthony Russo	Marvel Studios
F002	Avatar	2009	James Cameron	Fox
F003	Titanic	1997	James Cameron	Paramount
F004	Star Wars: The Force Awakens	2015	J.J. Abrams	Marvel Studios
F005	Avengers: Infinity War	2018	Joe Russo & Anthony Russo	Marvel Studios
F006	Jurassic World	2015	Colin Trevorrow	Universal

```
6 rows in set (0.001 sec)

MariaDB [63231215_review]>
```

Gambar 14 : Screenshot Tampilan Isi Record tabel “bioskop”.

15. SOAL :

Hapus isi record dengan kode_film="F005", lalu tampilkan isi record dari tabel bioskop.

JAWABAN :

Menampilkan hasil screenshot berupa menghapus isi record dengan kode_film="F005", lalu tampilkan isi record dari tabel “bioskop”, sebagai berikut :

```
Administrator: Command Prompt - "xampp/mysql/bin/mysql.exe" -u root -p
MariaDB [63231215_review]> delete from bioskop
-> where kode_film="F005";
Query OK, 1 row affected (0.007 sec)

MariaDB [63231215_review]> select * from bioskop;
+-----+-----+-----+-----+-----+
| kode_film | judul_film | tahun_produksi | sutradara | distributor |
+-----+-----+-----+-----+-----+
| F001 | Avengers: Endgame | 2019 | Joe Russo & Anthony Russo | Marvel Studios |
| F002 | Avatar | 2009 | James Cameron | Fox |
| F003 | Titanic | 1997 | James Cameron | Paramount |
| F004 | Star Wars: The Force Awakens | 2015 | J.J. Abrams | Marvel Studios |
| F006 | Jurassic World | 2015 | Collin Trevorrow | Universal |
+-----+-----+-----+-----+-----+
5 rows in set (0.001 sec)

MariaDB [63231215_review]>
```

Gambar 15 : Screenshot Tampilan Isi Record Tabel “bioskop”.