

NAMA : ALI AR RIDLA
 KELAS : MI-1A
 NIM : 1931710069
 NO ABSEN : 02
 TUGAS : BASIS DATA -> TEORI

LATIHAN SOAL



Database : Pemesanan Tiket Bioskop

Tabel member			Tabel Movie	
id_member	nama_member	tipe_member	id_movie	nama_movie
111	Muri	EPC	M01	Orang kaya baru
114	Luga	ELT	M02	Terlalu Tampan
113	Rigo	MTC	M03	Twice Land
			M04	Escape Room
			M05	Welcome Home
Tabel Theater			Tabel Faktur	
id_theater	nama_theater	kota	id_faktur	waktu tayang
T01	Paris Van Java	Bandung	F001	22/01/2019 17:00
T02	Grand Indonesia	Jakarta	F002	22/01/2019 19:00
Tabel Tipe Member			harga_tiket	qty_tiket
tipe_member	keterangan_member		id_member	id_theater
EPC	Epic		111	T01
ELT	Elite		112	T02
MTC	Mythic		114	T02
			113	T01
			115	T03
			113	T01
			114	T02
			115	T03
			114	T02

Tuliskan perintah apa saja yang digunakan dalam pembuatan basis data Pemesanan Tiket Bioskop !

Membuat Table Tipe Member

```
CREATE TABLE TipeMember (
  tipe_member CHAR(5) not null PRIMARY KEY,
  keterangan_member VARCHAR(100)
);
```

Membuat Table Movie

```
CREATE TABLE Movie (
  id_movie CHAR(5) not null PRIMARY KEY,
  nama_movie VARCHAR(05)
);
```

Membuat Table Theater

```
CREATE TABLE Theater (
  id_theater CHAR(5) NOT NULL PRIMARY KEY,
  nama_theater VARCHAR(100) NOT NULL,
  kota VARCHAR(30)
);
```

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Membuat Table Member

```
CREATE TABLE Member (  
    id_member CHAR(5) NOT NULL PRIMARY KEY,  
    nama_member VARCHAR(100) NOT NULL,  
    tipe_member CHAR(5),  
    FOREIGN KEY (tipe_member) REFERENCES TipeMember (tipe_member)  
);
```

Membuat Table Faktur

```
CREATE TABLE Faktur (  
    id_faktur CHAR(5) NOT NULL PRIMARY KEY,  
    waktu_tayang date,  
    harga_tiket INT,  
    qty_tiket INT,  
    id_member CHAR(5) ,  
    id_theater CHAR(5),  
    id_movie CHAR(5),  
    FOREIGN KEY (id_member) REFERENCES Member (id_member),  
    FOREIGN KEY (id_theater) REFERENCES Theater (id_theater),  
    FOREIGN KEY (id_movie) REFERENCES Movie (id_movie)  
);
```

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```
Users-MacBook-Pro:~ user$ mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 327
Server version: 10.4.11-MariaDB Source 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 coba;
Query OK, 1 row affected (0.001 sec)

MariaDB [(none)]> use coba;
Database changed
MariaDB [coba]> CREATE TABLE TipeMember (
  -> tipe_member CHAR(5) not null PRIMARY KEY,
  -> keterangan_member VARCHAR(100)
  -> );
Query OK, 0 rows affected (0.012 sec)

MariaDB [coba]> CREATE TABLE Movie (
  -> id_movie CHAR(5) not null PRIMARY KEY,
  -> nama_movie VARCHAR(85)
  -> );
Query OK, 0 rows affected (0.043 sec)

MariaDB [coba]> CREATE TABLE Theater (
  -> id_theater CHAR(5) NOT NULL PRIMARY KEY,
  -> nama_theater VARCHAR(100) NOT NULL,
  -> kota VARCHAR(30)
  -> );
Query OK, 0 rows affected (0.009 sec)

MariaDB [coba]> CREATE TABLE Member (
  -> id_member CHAR(5) NOT NULL PRIMARY KEY,
  -> nama_member VARCHAR(100) NOT NULL,
  -> tipe_member CHAR(5),
  -> FOREIGN KEY (tipe_member) REFERENCES TipeMember (tipe_member)
  -> );
Query OK, 0 rows affected (0.038 sec)

MariaDB [coba]> CREATE TABLE Faktur (
  -> id_faktur CHAR(5) NOT NULL PRIMARY KEY,
  -> waktu_tayang date,
  -> harga_tiket INT,
  -> qty_tiket INT,
  -> id_member CHAR(5) ,
  -> id_theater CHAR(5),
  -> id_movie CHAR(5),
  -> FOREIGN KEY (id_member) REFERENCES Member (id_member),
  -> FOREIGN KEY (id_theater) REFERENCES Theater (id_theater),
  -> FOREIGN KEY (id_movie) REFERENCES Movie (id_movie)
  -> );
Query OK, 0 rows affected (0.031 sec)

MariaDB [coba]> █
```

maaf di gambar ini saya membuat database dengan nama coba dikarenakan saya mencoba test sourcode file diatas

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sebelum membuat database pastikan hal-hal berikut :

- xampp -> mysql sudah dalam keadaan running
- lalu buka cmd ketikkan `mysql -u root -p` (disini u sebagai user yaitu root dan -p password yang default ya kosong)
- jika sudah masuk cobalah lihat database dengan mengetikkan code `show database;`
- jika sudah muncul silahkan pilih database dengan cara mengetikkan code `use namaDatabase;`
- `show tables;` (melihat table-table)
- `desc namaTabel;` untuk melihat field/column