LATIHAN PRAKTIKUM 3 - DDL

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Kelas : **C2 - 2024**

1. Membuat database gor

```
MariaDB [(none)]> create database gor;
Query OK, 1 row affected (0.005 sec)

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

2. Membuat tabel barang

```
CREATE TABLE barang(
id int(10) NOT NULL AUTO_INCREMENT,
nama_barang varchar(255) NOT NULL,
harga int(10) NOT NULL,
stok int(10) NOT NULL,
PRIMARY KEY (id)
);
```

```
MariaDB [gor]> desc barang;
+-------------+--------------+------+-----+---------+----------------+
| Field       | Type         | Null | Key | Default | Extra          |
+-------------+--------------+------+-----+---------+----------------+
| id          | int(10)      | NO   | PRI | NULL    | auto_increment |
| nama_barang | varchar(255) | NO   |     | NULL    |                |
| harga       | int(10)      | NO   |     | NULL    |                |
| stok        | int(10)      | NO   |     | NULL    |                |
+-------------+--------------+------+-----+---------+----------------+
4 rows in set (0.067 sec)

MariaDB [gor]>
```

3. Membuat tabel pelanggan

```
CREATE TABLE pelanggan(
id int(10) NOT NULL AUTO_INCREMENT,
nama_pelanggan varchar(255) NOT NULL,
alamat varchar(255) NOT NULL,
no_hp  varchar(255) NOT NULL,
PRIMARY KEY (id)
);
```

```
MariaDB [gor]> desc pelanggan;
+----------------+--------------+------+-----+---------+----------------+
| Field          | Type         | Null | Key | Default | Extra          |
+----------------+--------------+------+-----+---------+----------------+
| id             | int(10)      | NO   | PRI | NULL    | auto_increment |
| nama_pelanggan | varchar(255) | NO   |     | NULL    |                |
| alamat         | varchar(255) | NO   |     | NULL    |                |
| no_hp          | varchar(255) | NO   |     | NULL    |                |
+----------------+--------------+------+-----+---------+----------------+
4 rows in set (0.026 sec)

MariaDB [gor]>
```

4. Membuat tabel booking

```
CREATE TABLE booking(
id int(10) NOT NULL AUTO_INCREMENT,
is_member varchar(255) NOT NULL,
id_pelanggan int(10) NOT NULL,
status_booking varchar(255) NOT NULL,
total_harga int(10) NOT NULL,
total_jam varchar(255) NOT NULL,
tanggal_booking date NOT NULL,
PRIMARY KEY (id),
FOREIGN KEY (id_pelanggan) REFERENCES pelanggan (id)
);
```

```
MariaDB [gor]> desc booking;
+----------------+--------------+------+-----+---------+----------------+
| Field          | Type         | Null | Key | Default | Extra          |
+----------------+--------------+------+-----+---------+----------------+
| id             | int(10)      | NO   | PRI | NULL    | auto_increment |
| is_member      | varchar(255) | NO   |     | NULL    |                |
| id_pelanggan   | int(10)      | NO   | MUL | NULL    |                |
| status_booking | varchar(255) | NO   |     | NULL    |                |
| total_harga    | int(10)      | NO   |     | NULL    |                |
| total_jam      | varchar(255) | NO   |     | NULL    |                |
| tanggal_booking| date         | NO   |     | NULL    |                |
+----------------+--------------+------+-----+---------+----------------+
7 rows in set (0.018 sec)

MariaDB [gor]>
```

5. Membuat tabel list_barang

```
CREATE TABLE list_barang(
id int(10) NOT NULL AUTO_INCREMENT,
id_booking int(10) NOT NULL,
id_barang int(10) NOT NULL,
Kuantitas_pinjam int(10) NOT NULL,
PRIMARY KEY (id),
```

```
FOREIGN KEY (id_booking) REFERENCES booking (id),
FOREIGN KEY (id_barang) REFERENCES barang (id)
);
```

```
MariaDB [gor]> desc list_barang;
+-----------------+---------+------+-----+---------+----------------+
| Field           | Type    | Null | Key | Default | Extra          |
+-----------------+---------+------+-----+---------+----------------+
| id              | int(10) | NO   | PRI | NULL    | auto_increment |
| id_booking      | int(10) | NO   | MUL | NULL    |                |
| id_barang       | int(10) | NO   | MUL | NULL    |                |
| Kuantitas_pinjam| int(10) | NO   |     | NULL    |                |
+-----------------+---------+------+-----+---------+----------------+
4 rows in set (0.026 sec)

MariaDB [gor]>
```

6. Membuat tabel slot_waktu

```
CREATE TABLE slot_waktu(
id int(10) NOT NULL AUTO_INCREMENT,
waktu_awal time NOT NULL,
waktu_akhir time NOT NULL,
PRIMARY KEY (id)
);
```

```
MariaDB [gor]> desc slot_waktu;
+-------------+---------+------+-----+---------+----------------+
| Field       | Type    | Null | Key | Default | Extra          |
+-------------+---------+------+-----+---------+----------------+
| id          | int(10) | NO   | PRI | NULL    | auto_increment |
| waktu_awal  | time    | NO   |     | NULL    |                |
| waktu_akhir | time    | NO   |     | NULL    |                |
+-------------+---------+------+-----+---------+----------------+
3 rows in set (0.024 sec)

MariaDB [gor]>
```

7. Membuat tabel kegiatan

```
CREATE TABLE kegiatan(
id int(10) NOT NULL AUTO_INCREMENT,
nama_kegiatan varchar(255) NOT NULL,
biaya int(10) NOT NULL,
PRIMARY KEY (id)
);
```

```
MariaDB [gor]> desc kegiatan;
+---------------+--------------+------+-----+---------+----------------+
| Field         | Type         | Null | Key | Default | Extra          |
+---------------+--------------+------+-----+---------+----------------+
| id            | int(10)      | NO   | PRI | NULL    | auto_increment |
| nama_kegiatan | varchar(255) | NO   |     | NULL    |                |
| biaya         | int(10)      | NO   |     | NULL    |                |
+---------------+--------------+------+-----+---------+----------------+
3 rows in set (0.030 sec)

MariaDB [gor]>
```

8. Membuat tabel list_booking

```
CREATE TABLE list_booking(
id int(10) NOT NULL AUTO_INCREMENT,
id_slot_waktu int(10) NOT NULL,
id_booking int(10) NOT NULL,
id_kegiatan int(10) NOT NULL,
tanggal_main date NOT NULL,
PRIMARY KEY (id),
FOREIGN KEY (id_slot_waktu) REFERENCES slot_waktu (id),
FOREIGN KEY (id_booking) REFERENCES booking (id),
FOREIGN KEY (id_kegiatan) REFERENCES kegiatan (id)
);
```

```
MariaDB [gor]> desc list_booking;
+---------------+---------+------+-----+---------+----------------+
| Field         | Type    | Null | Key | Default | Extra          |
+---------------+---------+------+-----+---------+----------------+
| id            | int(10) | NO   | PRI | NULL    | auto_increment |
| id_slot_waktu | int(10) | NO   | MUL | NULL    |                |
| id_booking    | int(10) | NO   | MUL | NULL    |                |
| id_kegiatan   | int(10) | NO   | MUL | NULL    |                |
| tanggal_main  | date    | NO   |     | NULL    |                |
+---------------+---------+------+-----+---------+----------------+
5 rows in set (0.023 sec)

MariaDB [gor]>
```