NAMA   : FAKHAR SWASTIKA AL-BAIHAQI

NIM   : L200180183

KELAS   : G

Kegiatan Modul 4

Langkah 1 sampai 8

```
C:\xampp\mysql\bin>mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 3
Server version: 10.1.38-MariaDB mariadb.org binary distribution

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

MariaDB [(none)]> create database perbankan;
Query OK, 1 row affected (0.01 sec)

MariaDB [(none)]> use perbankan;
Database changed
MariaDB [perbankan]> CREATE TABLE nasabah( id_nasabah INTEGER PRIMARY KEY, nama_nasabah VARCHAR(45) NOT NULL, alamat_nasabah VARCHAR(255) NOT NULL );
Query OK, 0 rows affected (0.44 sec)

MariaDB [perbankan]> CREATE TABLE cabang_bank ( kode_cabang VARCHAR(20) PRIMARY KEY, nama_cabang VARCHAR(45) UNIQUE NOT NULL, alamat_cabang VARCHAR(255) NOT NULL );
Query OK, 0 rows affected (0.26 sec)

MariaDB [perbankan]> CREATE TABLE rekening ( no_rekening INTEGER PRIMARY KEY, kode_cabangFK VARCHAR(20) REFERENCES cabang_bank(kode_cabang) ON DELETE CASCADE ON UPDATE
CASCADE, pin VARCHAR(20) DEFAULT '1234' NOT NULL, saldo INTEGER DEFAULT 0 NOT NULL);
Query OK, 0 rows affected (0.18 sec)
```

Langkah 9 sampai 11

```
MariaDB [perbankan]> CREATE TABLE transaksi ( no_transaksi SERIAL PRIMARY KEY, id_nasabahFK INTEGER REFERENCES nasabah(id_nasabah) ON DELETE SET NULL ON UPDATE CASCADE,
 no_rekeningFK INTEGER REFERENCES rekening(no_rekening) ON DELETE SET NULL ON UPDATE CASCADE, jenis_transaksi VARCHAR(20) DEFAULT 'debit' NOT NULL, tanggal DATETIME NOT
NULL DEFAULT CURRENT_TIMESTAMP, jumlah INTEGER NOT NULL CHECK (jumlah>=20000) );
Query OK, 0 rows affected (0.23 sec)

MariaDB [perbankan]> CREATE TABLE nasabah_has_rekening ( id_nasabahFK INTEGER REFERENCES nasabah(id_nasabah) ON DELETE CASCADE ON UPDATE CASCADE, no_rekeningFK INTEGER
REFERENCES rekening(no_rekening) ON DELETE CASCADE ON UPDATE CASCADE, PRIMARY KEY(id_nasabahFK, no_rekeningFK) );
Query OK, 0 rows affected (0.24 sec)
```

Langkah 12

```
MariaDB [perbankan]> describe nasabah;
+----------------+--------------+------+-----+---------+-------+
| Field          | Type         | Null | Key | Default | Extra |
+----------------+--------------+------+-----+---------+-------+
| id_nasabah     | int(11)      | NO   | PRI | NULL    |       |
| nama_nasabah   | varchar(45)  | NO   |     | NULL    |       |
| alamat_nasabah | varchar(255) | NO   |     | NULL    |       |
+----------------+--------------+------+-----+---------+-------+
3 rows in set (0.07 sec)
```