

Virliana A R

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## MODUL 4

### Latihan

```
Command Prompt - mysql -u root -p
Microsoft Windows [Version 10.0.17763.195]
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C:\Users\Virliana>cd
C:\>cd C:\xampp\mysql\bin
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 11
Server version: 10.4.11-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 perbankanVirlianaar;
Query OK, 1 row affected (0.002 sec)

MariaDB [(none)]> use perbankanVirlianaar
Database changed
MariaDB [perbankanVirlianaar]> CREATE TABLE nasabah(id_nasabah INTEGER PRIMARY KEY,
-> nama_nasabah VARCHAR(45) NOT NULL,
-> alamat_nasabah VARCHAR(45) NOT NULL);
Query OK, 0 rows affected (0.231 sec)

MariaDB [perbankanVirlianaar]> 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 (0.354 sec)

MariaDB [perbankanVirlianaar]> 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 (0.346 sec)

MariaDB [perbankanVirlianaar]> show tables;
+-----+
| Tables_in_perbankanVirlianaar |
+-----+
| cabang_bank                    |
| nasabah                        |
| nasabah_has_rekening           |
| transaksi                      |
+-----+
4 rows in set (0.001 sec)

MariaDB [perbankanVirlianaar]> describe nasabah;
+-----+
| Field          | Type          | Null | Key | Default | Extra |
+-----+
| id_nasabah     | int(11)       | NO   | PRI | NULL    |       |
| nama_nasabah   | varchar(45)   | NO   |     | NULL    |       |
| alamat_nasabah | varchar(45)   | NO   |     | NULL    |       |
+-----+
3 rows in set (0.178 sec)
```