

Nama : Anang Prasetyo

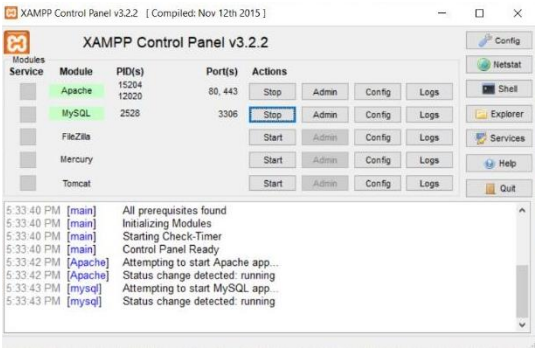
Nim : L200180063

Kelas : C

MODUL KE 4

LAPORAN PRAKTIKUM

LANGKAH-LANGKAH PRAKTIKUM



```
C:\>cd xampp
C:\xampp>cd mysql
C:\xampp\mysql>cd 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 4
Server version: 10.1.34-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)]> show databases
+-----+
| Database |
+-----+
| dblogin  |
| huhu     |
| information_schema |
| latihan1_basisdata |
| latihan_crud |
| mysql    |
| performance_schema |
| phpmyadmin |
| test     |
| websiteku |
+-----+
10 rows in set (0.00 sec)

MariaDB [(none)]> create database perbankan;
Query OK, 1 row affected (0.00 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 (0.03 sec)
```

```
Query OK, 0 rows affected (0.03 sec)

MariaDB [perbankan]> create table cabang_bank(
  -> kode_cabang varchar(30) primary key,
  -> nama_cabang varchar(45) unique key,
  -> alamat_cabang varchar(255) not null);
Query OK, 0 rows affected (0.03 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 (0.03 sec)

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 (0.04 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 (0.03 sec)

MariaDB [perbankan]> show tables;
+-----+
| Tables_in_perbankan |
+-----+
| cabang_bank          |
| nasabah              |
| nasabah_has_rekening |
| rekening             |
| transaksi            |
+-----+

5 rows in set (0.00 sec)

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 (0.02 sec)

MariaDB [perbankan]> _
```