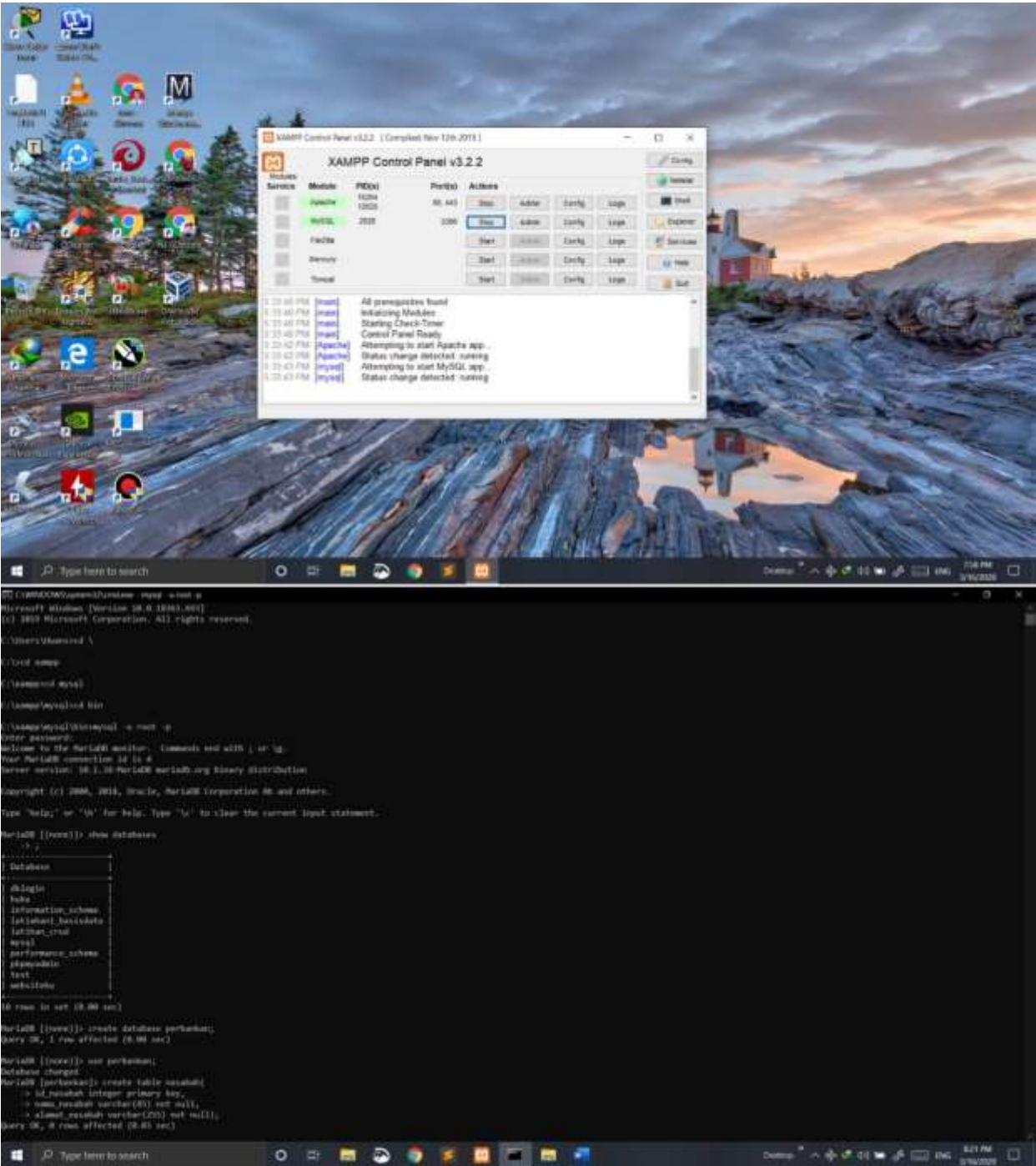


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LAPORAN PRAKTIKUM MODUL KE 5

LANGKAH-LANGKAH PRAKTIKUM



```
C:\WINDOWS\system32\cmd.exe - input: root@p
Query OK, 0 rows affected (0.03 sec)

mysql> [perbanca]> create table cabang_bank(
  -> kode_cabang varchar(20) primary key,
  -> nama_cabang varchar(40) unique key,
  -> alamat_cabang varchar(200) not null);
Query OK, 0 rows affected (0.03 sec)

mysql> [perbanca]> create table rekening(
  -> no_rekening integer primary key,
  -> kode_cabang integer(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)

mysql> [perbanca]> create table transaksi(
  -> no_transaksi serial primary key,
  -> id_rekening integer references rekening(id_rekening)
  -> on delete set null on update cascade,
  -> no_rekening 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 > 0));
Query OK, 0 rows affected (0.04 sec)

mysql> [perbanca]> create table nasabah_ban_rekening(
  -> id_nasabah integer references nasabah(id_nasabah)
  -> on delete cascade on update cascade,
  -> no_rekening integer references rekening(no_rekening)
  -> on delete cascade on update cascade,
  -> primary key(id_nasabah, no_rekening));
Query OK, 0 rows affected (0.03 sec)

mysql> [perbanca]> show tables;
+-----+
| Tables_in_perbanca |
+-----+
| cabang_bank         |
| nasabah             |
| nasabah_ban_rekening |
| rekening            |
| transaksi           |
+-----+
5 rows in set (0.00 sec)

mysql> [perbanca]> describe nasabah;
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| id_nasabah | int(11) | NO | PRI | NULL | |
| nama_nasabah | varchar(40) | NO | | NULL | |
| alamat_nasabah | varchar(200) | NO | | NULL | |
+-----+
3 rows in set (0.02 sec)

mysql> [perbanca]>
```

TUGAS

```
C:\WINDOWS\system32\cmd.exe
mysql> create database buliah;
Query OK, 1 row affected (0.00 sec)

mysql> use buliah;
Database changed
mysql> create table mahasiswa(mahasiswa varchar(40) not null,
    -> nama_mahasiswa varchar(40) not null,
    -> alamat_mahasiswa varchar(255) not null);
Query OK, 0 rows affected (0.00 sec)

mysql> drop table mahasiswa;
Query OK, 0 rows affected (0.00 sec)

mysql> create table mahasiswa(mahasiswa varchar(40) not null,
    -> nama_mahasiswa varchar(40) primary key,
    -> alamat_mahasiswa varchar(255) not null);
Query OK, 0 rows affected (0.00 sec)

mysql> create table dosen(dosen varchar(40) not null,
    -> nip_dosen varchar(40) primary key,
    -> alamat_dosen varchar(255) not null);
Query OK, 0 rows affected (0.00 sec)

mysql> create table matakuliah(nama_matakuliah varchar(40) not null,
    -> kode_matakuliah varchar(40) primary key,
    -> deskripsi_matakuliah varchar(255) not null);
Query OK, 0 rows affected (0.00 sec)

mysql> create table ruangkuliah(lantai_ruangkuliah char(1) not null,
    -> kode_ruangkuliah varchar(40) primary key,
    -> deskripsi_ruangkuliah varchar(255) not null);
Query OK, 0 rows affected (0.00 sec)

mysql> create table mahasiswa_has_matakuliah(mahasiswa varchar(40) references mahasiswa(cpk_mahasiswa),
    -> matakuliah varchar(40) references matakuliah(cpk_matakuliah),
    -> delete cascade on update cascade,
    -> primary key(mahasiswa, kode_matakuliah));
Query OK, 0 rows affected (0.00 sec)

mysql> show tables;
+-----+
| Tables_in_buliah |
+-----+
| dosen            |
| mahasiswa        |
| mahasiswa_has_matakuliah |
| matakuliah       |
| ruangkuliah      |
+-----+
3 rows in set (0.00 sec)

mysql> describe dosen;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| nama_dosen | varchar(40) | NO | PRI | NULL | |
| nip_dosen | varchar(40) | NO | PRI | NULL | |
| alamat_dosen | varchar(255) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> describe mahasiswa;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| nama_mahasiswa | varchar(40) | NO | PRI | NULL | |
| nama_mahasiswa | varchar(40) | NO | PRI | NULL | |
| alamat_mahasiswa | varchar(255) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> describe matakuliah;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| nama_matakuliah | varchar(40) | NO | PRI | NULL | |
| kode_matakuliah | varchar(40) | NO | PRI | NULL | |
| deskripsi_matakuliah | varchar(255) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> describe ruangkuliah;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| lantai_ruangkuliah | char(1) | NO | | NULL | |
| kode_ruangkuliah | varchar(40) | NO | PRI | NULL | |
| deskripsi_ruangkuliah | varchar(255) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> describe mahasiswa_has_matakuliah;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| nama_mahasiswa | varchar(40) | NO | PRI | NULL | |
| kode_matakuliah | varchar(40) | NO | PRI | NULL | |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql>
```