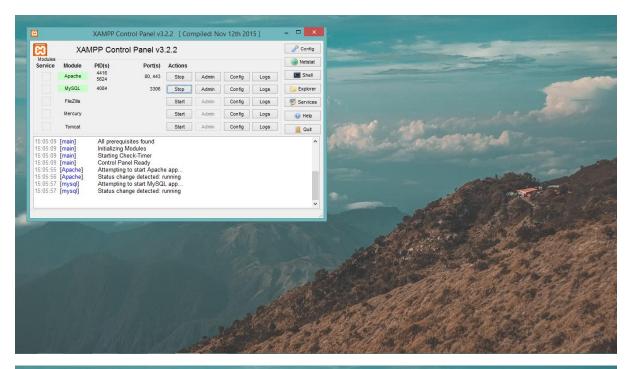
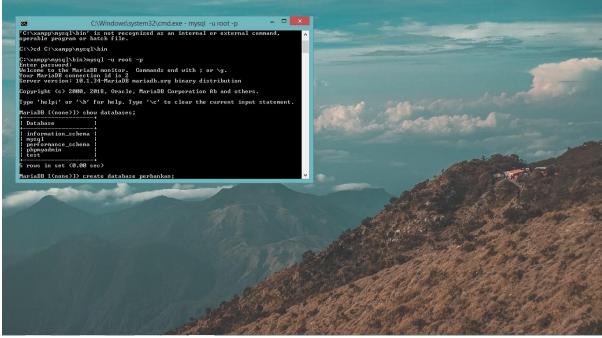
Aji Mustaqim

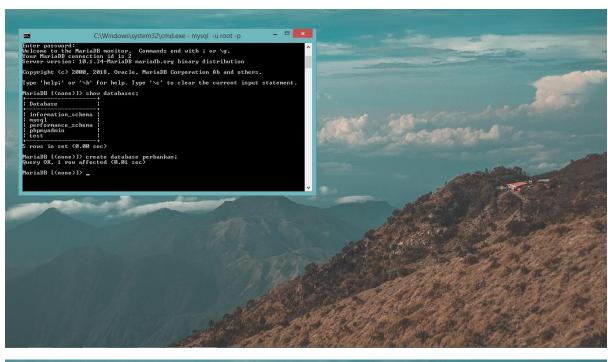
L200180141/F

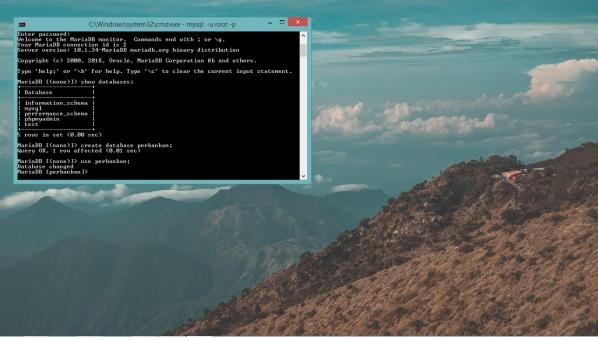
BASIS DATA

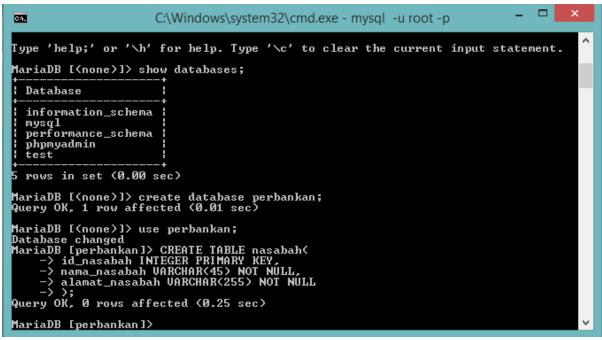
LATIHAN



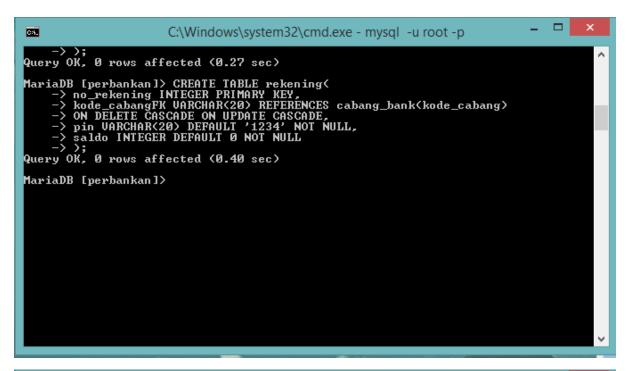












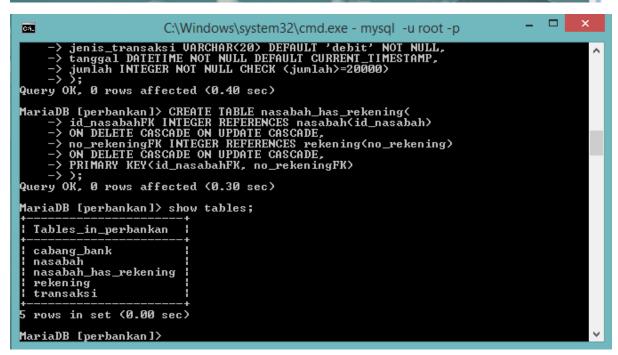


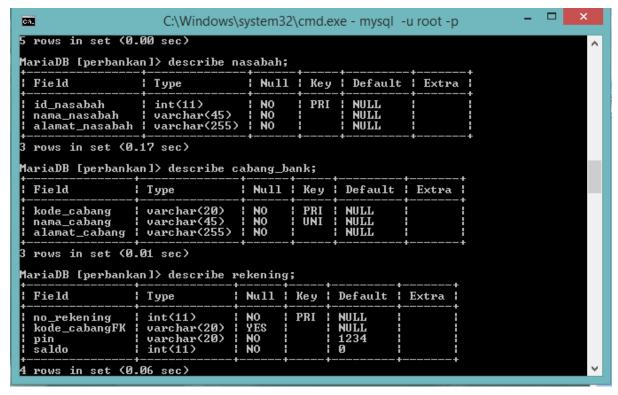
```
C:\Windows\system32\cmd.exe - mysql -u root -p

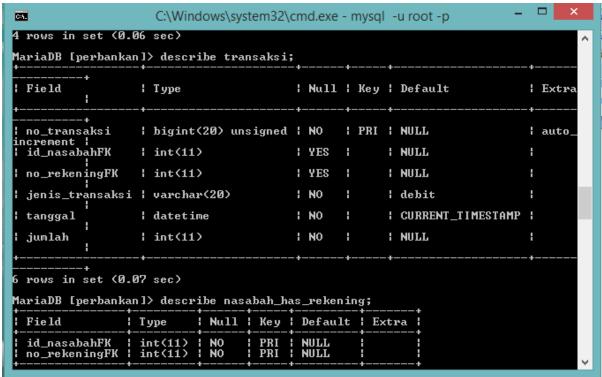
-> >;
Query OK, 0 rows affected (0.40 sec)

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 (0.30 sec)

MariaDB [perbankan]>
```







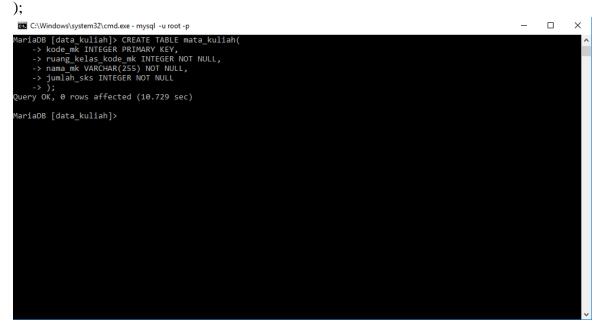
TUGAS

Implementasikan hasil rancangan database yang menangani data kuliah pada tugas modul 2 kedalam program mysql.

 Membuat table dosendengan script berikut. CREATE TABLE dosen(id dosen INTEGER PRIMARY KEY, nama_dosen VARCHAR(45) NOT NULL, alamat_dosen VARCHAR(255) NOT NULL);

2. Membuat table mata_kuliah dengan scrip berikut.

CREATE TABLE mata_kuliah(
kode_mk INTEGER PRIMARY KEY,
ruang_kelas_kode_mk INTEGER NOT NULL,
nama_mk VARCHAR(255) NOT NULL,
jumlah_sks INTEGER NOT NULL



3. Membuat table mahasiswa dengan script berikut. CREATE TABLE mahasiswa(

nim_mahasiswa INTEGER PRIMARY KEY,

id_dosenFK INTEGER REFERENCES dosen(id_dosen), ON DELETE SET NULL ON UPDATE CASCADE, nama_mahasiswa VARCHAR(45) NOT NULL, alamat_mahasiswa VARCHAR(255) NOT NULL);

```
C\Windows\system32\cmd.exe-mysql-uroot-p

MariaDB [data_kuliah]> CREATE TABLE mahasiswa(
-> nim_mahasiswa INTEGER PRIMARY KEY,
-> id_dosentk INTEGER REFRENCES dosen(id_dosen)
-> ON DELETE SET NULL ON UPDATE CASCADE,
-> nama_mahasiswa VARCHAR(25) NOT NULL,
-> alamat_mahasiswa VARCHAR(25) NOT NULL
-> );
Query OK, 0 rows affected (0.267 sec)

MariaDB [data_kuliah]>
```

4. Membuat table ruang_kelas dengan scrip berikut.

CREATE TABLE ruang_kelas(

kode_rk INTEGER PRIMARY KEY,

kode_mkFK INTEGER REFERENCES mata_kuliah(kode_mk)

kapasitas INTEGER NOT NULL

```
### To a comparison of the co
```

5. Membuat table mahasiswa_has_mata_kuliah dengan script berikut. CREATE TABLE mahasiswa_has_mata_kuliah(nim_mahasiswaFK INTEGER REFERENCES mahasiswa(nim_mahasiswa) ON DELETE CASCADE ON UPDATE CASCADE, kode_mkFK INTEGER REFERENCES mata_kuliah(kode_mk) ON DELETE CASCADE ON UPDATE CASCADE,

PRIMARY KEY(nim_mahasiswaFK, kode_mkFK)

);

SM C:\Windows\system32\cmd.exe - mysql -u root -p

MariaDB [data_kuliah]> CREATE TABLE mahasiswa has_mata_kuliah(
-> nim_mahasiswaFK INTEGER REFERENCES mahasiswa(nim_mahasiswa)
-> NO DELETE CASCADE ON UPDATE CASCADE,
-> kode_mkFK INTEGER REFERENCES mata_kuliah(kode_mk)
-> ON DELETE CASCADE ON UPDATE CASCADE,
-> PRIMARY KEY(nim_mahasiswaFK, kode_mkFK)
->);
Query OK, 0 rows affected (0.293 sec)

MariaDB [data_kuliah]>

6. Mengecek hasil pembuatan database.

7. Melihat struktur tiap tabel.

