Nama : Willi Susanti

NIM : L200180060

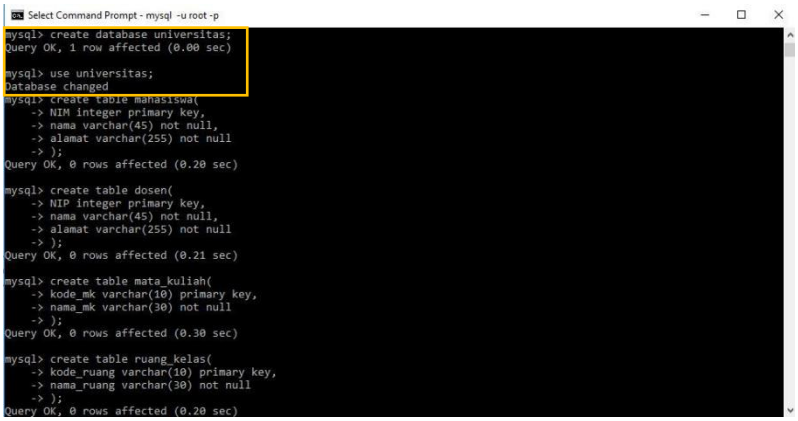
Kelas : C

MODUL 4

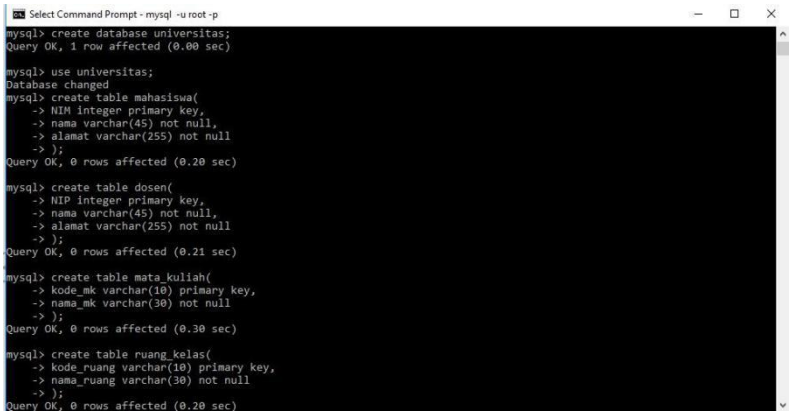
TUGAS

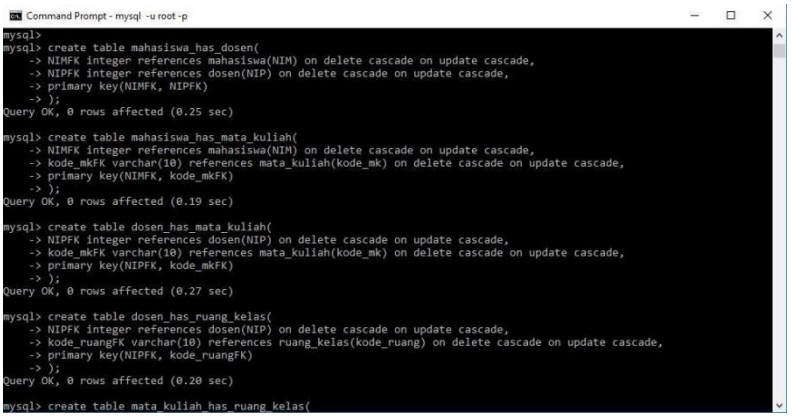
DATABASE UNIVERSITAS

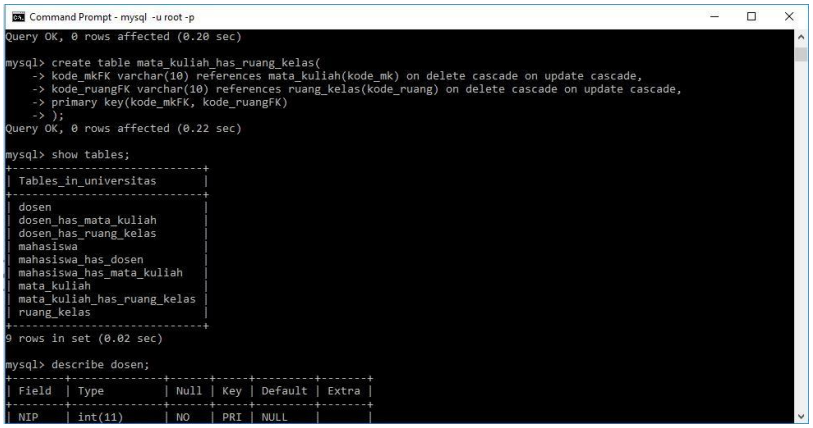
1. Membuat database universitas dan menghubungkannya



2. Membuat tabel

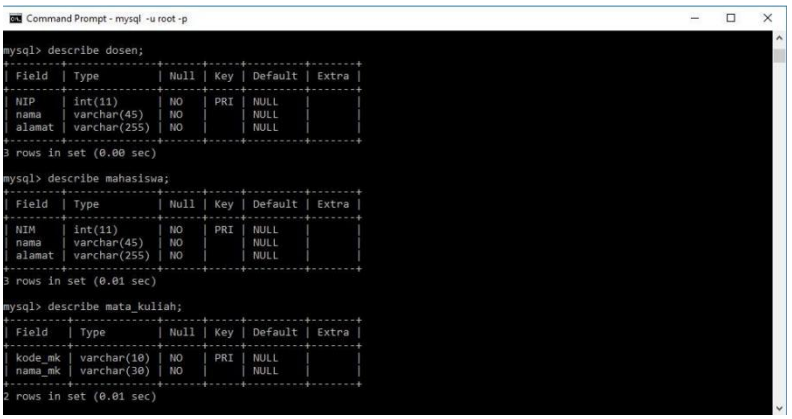


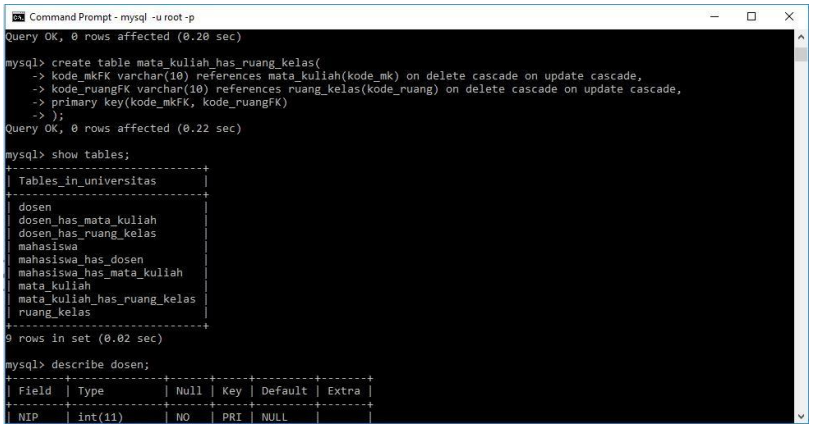


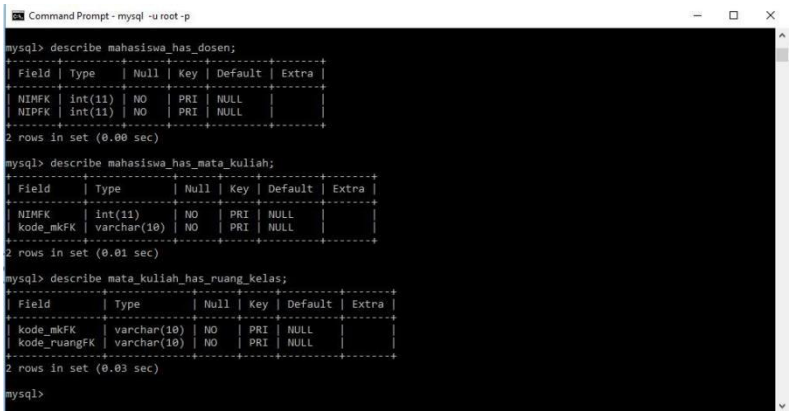


3. Menampilkan tabel pada database universitas

4. Melihat struktur tiap tabel pada database universitas

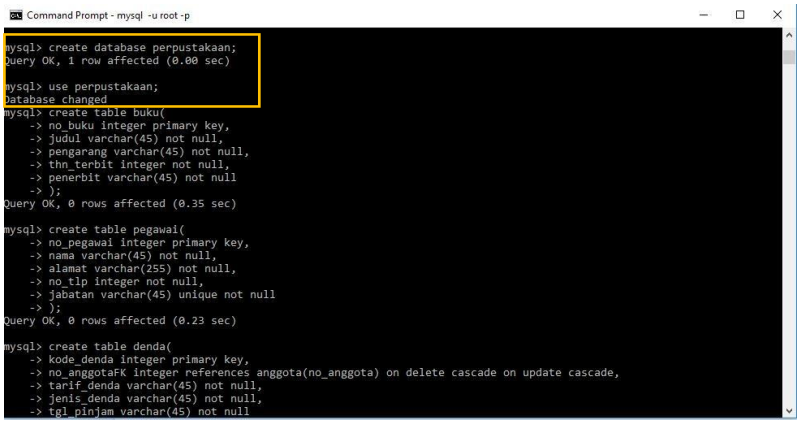



Command Prompt - mysql -u root -p
Query OK, 0 rows affected (0.20 sec)
mysql> create table mata_kuliah_has_ruang_kelas(
-> kode_mkFK varchar(10) references mata_kuliah(kode_mk) on delete cascade on update cascade,
-> kode_ruangFK varchar(10) references ruang_kelas(kode_ruang) on delete cascade on update cascade,
-> primary key(kode_mkFK, kode_ruangFK)
->);
Query OK, 0 rows affected (0.22 sec)
mysql> show tables;
Tables_in_universitas
dosen
dosen_has_mata_kuliah
dosen_has_ruang_kelas
mahasiswa
mahasiswa_has_dosen
mahasiswa_has_mata_kuliah
mata_kuliah
mata_kuliah_has_ruang_kelas
ruang_kelas
9 rows in set (0.02 sec)
mysql> describe dosen;
Field | Type | Null | Key | Default | Extra
NIP | int(11) | NO | PRI | NULL |

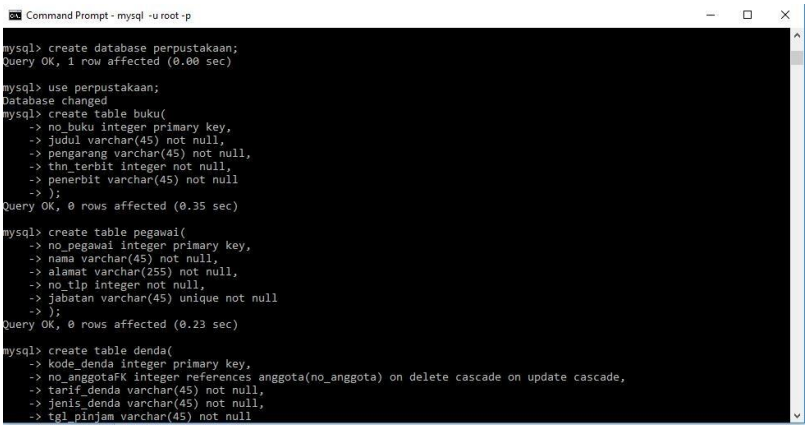

Command Prompt - mysql -u root -p
mysql> describe mahasiswa_has_dosen;
Field | Type | Null | Key | Default | Extra
NIMFK | int(11) | NO | PRI | NULL |
NIPFK | int(11) | NO | PRI | NULL |
2 rows in set (0.00 sec)
mysql> describe mahasiswa_has_mata_kuliah;
Field | Type | Null | Key | Default | Extra
NIMFK | int(11) | NO | PRI | NULL |
kode_mkFK | varchar(10) | NO | PRI | NULL |
2 rows in set (0.01 sec)
mysql> describe mata_kuliah_has_ruang_kelas;
Field | Type | Null | Key | Default | Extra
kode_mkFK | varchar(10) | NO | PRI | NULL |
kode_ruangFK | varchar(10) | NO | PRI | NULL |
2 rows in set (0.03 sec)
mysql>

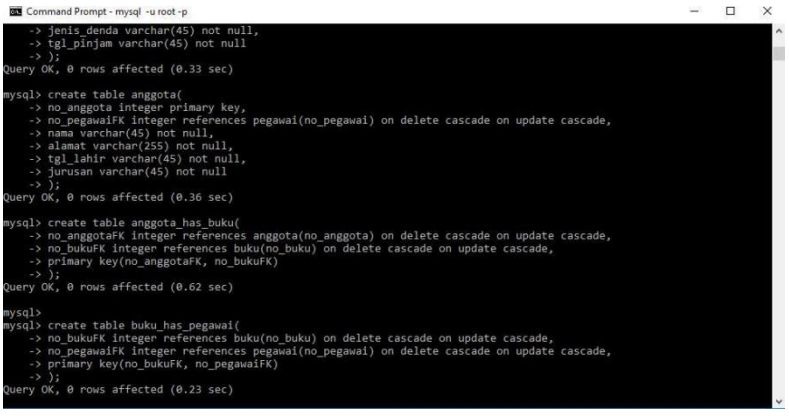
DATABASE PERPUSTAKAAN

1. Membuat database perpustakaan dan menghubungkannya

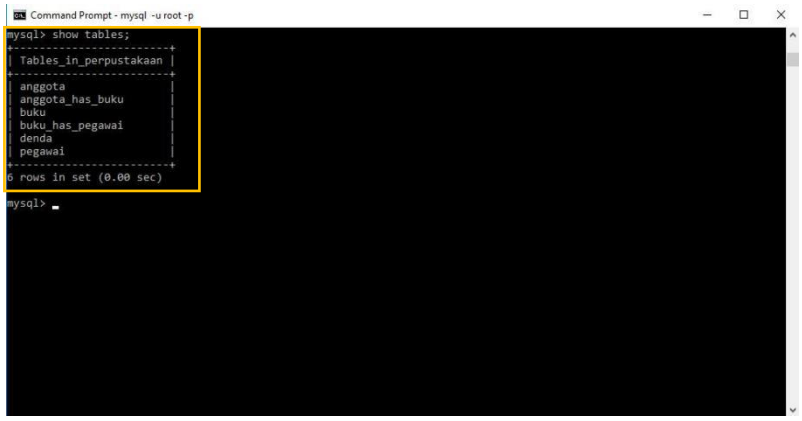


2. Membuat tabel

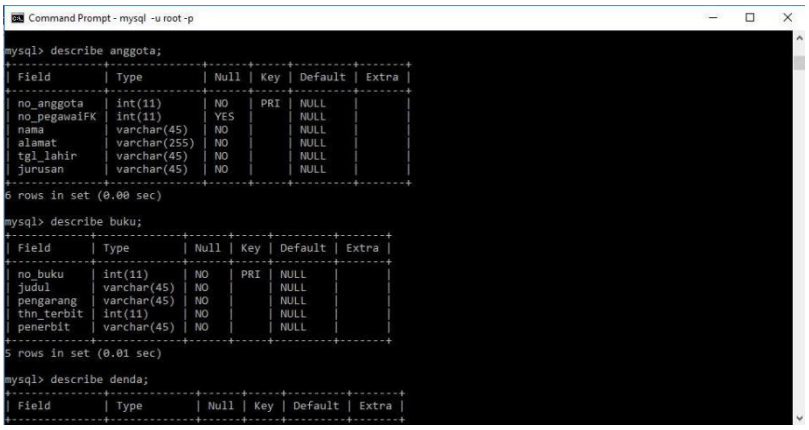


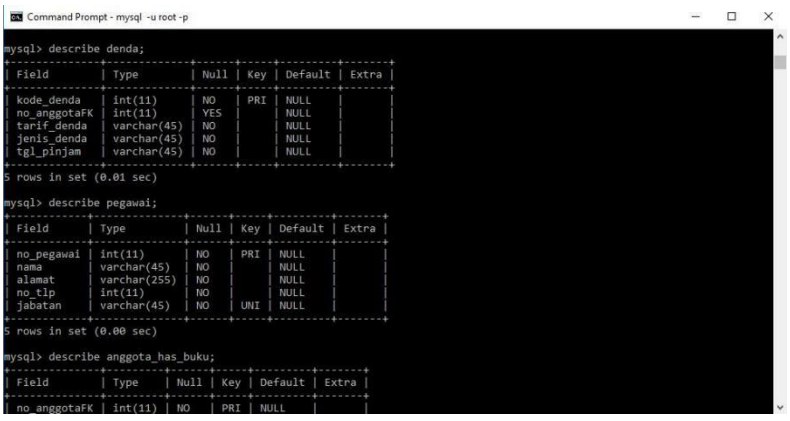


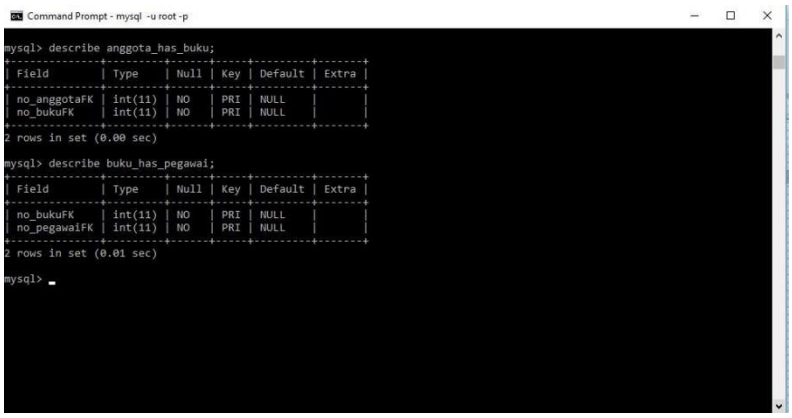
3. Menampilkan tabel pada database perpustakaan



4. Melihat struktur tiap tabel pada database perpustakaan






Command Prompt - mysql -u root -p
mysql> describe anggota_has_buku;
+-------------+---------+------+-----+---------+-------+
| Field | Type | Null | Key | Default | Extra |
+-------------+---------+------+-----+---------+-------+
| no_anggotaFK | int(11) | NO | PRI | NULL | |
| no_bukuFK | int(11) | NO | PRI | NULL | |
+-------------+---------+------+-----+---------+-------+
2 rows in set (0.00 sec)
mysql> describe buku_has_pegawai;
+-------------+---------+------+-----+---------+-------+
| Field | Type | Null | Key | Default | Extra |
+-------------+---------+------+-----+---------+-------+
| no_bukuFK | int(11) | NO | PRI | NULL | |
| no_pegawaiFK | int(11) | NO | PRI | NULL | |
+-------------+---------+------+-----+---------+-------+
2 rows in set (0.01 sec)
mysql>