Nama: Viola Lovitasari NIM: L200180173

Kelas : G

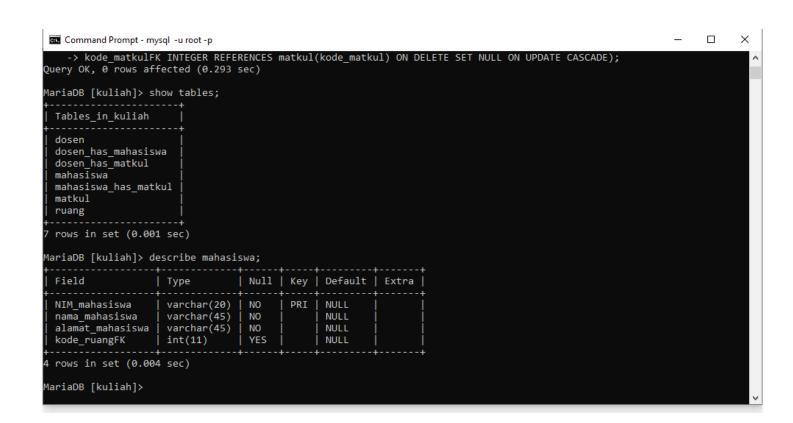
TUGAS PRAKTIKUM SISTEM BASIS DATA MODUL 4

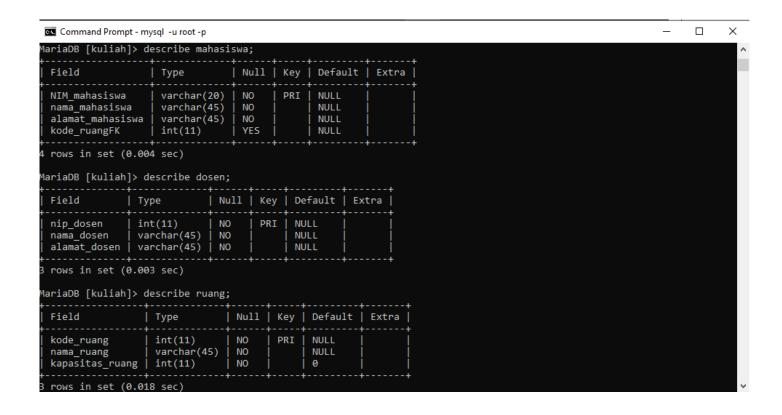
TUGAS 1

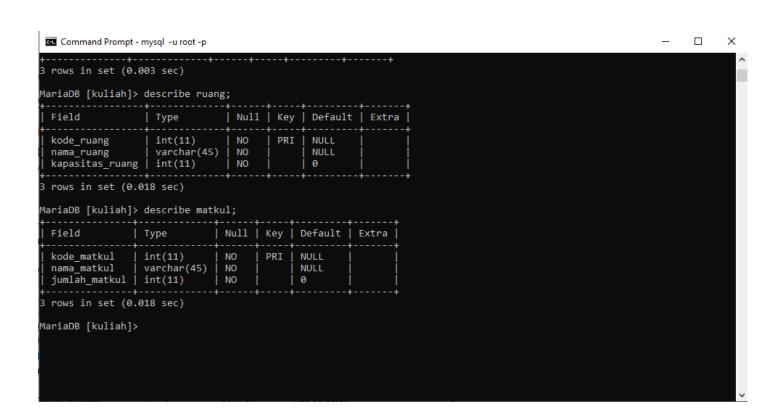
```
П
                                                                                                                                 ×
Command Prompt - mysal -u root -p
    osoft Windows [Version 10.0.18362.720]
(c) 2019 Microsoft Corporation. All rights reserved.
C:\Users\ASUS>cd...
 :\Users>cd..
 :\>cd C:\xampp\xampp\mysql\bin
C:\xampp\xampp\mysql\bin>mysql -u root -p
Enter password:
Welcome to the MariaDB monitor. Commands end with ; or \g.
Your MariaDB connection id is 24
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 kuliah;
Query OK, 1 row affected (0.001 sec)
MariaDB [(none)]> use kuliah;
Database changed
MariaDB [kuliah]> CREATE TABLE dosen(
    -> nip_dosen INTEGER PRIMARY KEY,
   -> nama_dosen VARCHAR(45) NOT NULL,
-> alamat_dosen VARCHAR(45) NOT NULL);
Query OK, 0 rows affected (0.203 sec)
```

```
Command Prompt - mysql -u root -p
                                                                                                                                                                          П
                                                                                                                                                                                   ×
-> alamat_dosen VARCHAR(45) NOT NULL);
Query OK, 0 rows affected (0.203 sec)
MariaDB [kuliah]> CREATE TABLE matkul(
-> kode_matkul INTEGER PRIMARY KEY,
      -> nama_matkul VARCHAR(45) NOT NULL,
      -> jumlah matkul INTEGER DEFAULT 0 NOT NULL);
Query OK, 0 rows affected (0.293 sec)
MariaDB [kuliah]> CREATE TABLE mahasiswa(
      -> NIM_mahasiswa VARCHAR(20) PRIMARY KEY,
     -> nama_mahasiswa VARCHAR(45) NOT NULL,
-> alamat_mahasiswa VARCHAR(45) NOT NULL,
-> kode_ruangFK INTEGER REFERENCES ruang(kode_ruang) ON DELETE SET NULL ON UPDATE CASCADE);
Query OK, 0 rows affected (0.444 sec)
MariaDB [kuliah]> CREATE TABLE ruang(
     -> kode_ruang INTEGER PRIMARY KEY,
-> nama_ruang VARCHAR(45) NOT NULL,
-> kapasitas ruang INTEGER DEFAULT 0 NOT NULL);
Query OK, 0 rows affected (0.252 sec)
MariaDB [kuliah]> CREATE TABLE dosen_has_mahasiswa(
-> nip_dosenFK INTEGER REFERENCES dosen(nip_dosen) ON DELETE SET NULL ON UPDATE CASCADE,
-> NIM mahasiswaFK VARCHAR(20) REFERENCÈS mahasiswa(NIM mahasiswa) ON DELETE SET NUL ON UPDATE CASCADE);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server versi
on for the right syntax to use near 'NUL ON UPDATE CASCADE)' at line 3
MariaDB [kuliah]> CREATE TABLE dosen_has_mahasiswa(
-> nip_dosenFK INTEGER REFERENCES dosen(nip_dosen) ON DELETE SET NULL ON UPDATE CASCADE,
      -> NIM_mahasiswaFK VARCHAR(20) REFERENCES mahasiswa(NIM_mahasiswa) ON DELETE SET NULL ON UPDATE CASCADE);
```

```
Command Prompt - mysql -u root -p
                                                                                                                                                       П
                                                                                                                                                              Х
 lariaDB [kuliah]> CREATE TABLE dosen_has_mahasiswa(
     -> nip_dosenFK INTEGER REFERENCES dosen(nip_dosen) ON DELETE SET NULL ON UPDATE CASCADE,
-> NIM_mahasiswaFK VARCHAR(20) REFERENCES mahasiswa(NIM_mahasiswa) ON DELETE SET NULL ON UPDATE CASCADE);
Query OK, 0 rows affected (0.441 sec)
MariaDB [kuliah]> CREATE TABLE mahasiswa_has_matkul(
     -> NIM_mahasiswaFK VARCHAR(20) REFERENCES mahasiswa(NIM_mahasiswa) ON DELETE SET NULL ON UPDATE CASCADE, -> kode_matkulFK INTEGER REFERENCES matkul(kode_matkul) ON DELETE SET NULL ON UPDATE CASCADE);
Query OK, 0 rows affected (0.400 sec)
MariaDB [kuliah]> CREATE TABLE dosen_has_matkul(
-> nip_dosenFK INTEGER REFERENCES dosen(nip_dosen) ON DELETE SET NULL ON UPDATE CASCADE;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server versi
on for the right syntax to use near '' at line 2
MariaDB [kuliah]> CREATE TABLE dosen has mahasiswa(
     -> nip_dosenFK INTEGER REFERENCES dosen(nip_dosen) ON DELETE SET NULL ON UPDATE CASCADE)
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server versi
on for the right syntax to use near '):' at line 3
MariaDB [kuliah]> CREATE TABLE dosen_has_matkul(
     -> nip_dosenFK INTEGER REFERENCES dosen(nip_dosen) ON DELETE SET NULL ON UPDATE CASCADE,
-> kode_matkulFK INTEGER REFERENCES matkul(kode_matkul) ON DELETE SET NULL ON UPDATE);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server versi
on for the right syntax to use near ')' at line 3
MariaDB [kuliah]> CREATE TABLE dosen_has_matkul(
     -> nip_dosenFK INTEGER REFERENCES dosen(nip_dosen) ON DELETE SET NULL ON UPDATE CASCADE,
     -> kode_matkulFK INTEGER REFERENCES matkul(kode_matkul) ON DELETE SET NULL ON UPDATE CASCADE);
Query OK, 0 rows affected (0.293 sec)
```







TUGAS 2

```
***Scommand Prompt - mysql - u root - p
Microsoft Windows [Version 16.0.18362.720]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users>cd.

C:\Users>cd.

C:\Users>cd C:\\xampp\xampp\mysql\bin
C:\xampp\xampp\mysql\bin>mysql\bin
C:\xampp\xampp\mysql\bin>mysql\bin
C:\xampp\xampp\mysql\bin>mysql\bin>mysql\bin
C:\xampp\xampp\mysql\bin>mysql\bin>mysql\bin
C:\xampp\xampp\mysql\bin>mysql\bin
C:\xampp\xampp\mysql\bin
C:\xampp\mysql\bin
C:\xampp\xampp\mysql\bin
C:\xampp\xampp\mysql\bin
C:\xampp\mysql\bin
C:\xampp\mysql\bi
```

	mysql -u root -p							 				
	FK INTEGER REF AnfK INTEGER RI	ERENCES EFERENCE	pegawai	(id_pegav						ADE);		
	anFK INTEGER RI K INTEGER REFEI	FERENCE: RENCES of	5 pelan	ggan(id_p					CASC	ADE,		
ariaDB [apotek]>	show tables;											
Tables in apote	· · · · · · · · · · · · · · · · · · ·											
obat pegawai pegawai_has_pela pelanggan pelanggan_has_ob	pat											
ariaDB [apotek]>	describe pega	vai;										
Field	Туре	Null	Key	Default	Extra	Ť						
id_pegawai nama_pegawai alamat_pegawai	int(11) varchar(45) varchar(45)	NO NO NO		NULL NULL NULL		†						
rows in set (0.0	 004 sec)	++	+-			-+						
ariaDB [apotek]>	describe pela	nggan;										
Field	+ Type	+	Kev	+	-+	ra I						
	int(11) varchar(45	NO	PRI	NULL NULL								

