

NAMA : HERLANGGA YUSUF SYAILENDRA

NIM : L200180186

MODUL 4 tugas

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Administrator@WINDOWS-PC c:\xampp
# mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 139
Server version: 10.1.30-MariaDB mariadb.org binary distribution

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> create database kuliah;
-> ;
Query OK, 1 row affected (0.01 sec)
Query OK, 1 row affected (0.01 sec)

MariaDB [(none)]> use kuliah;
Database changed
MariaDB [kuliah]> CREATE TABLE Ruangkelas (
-> KodeKelas VARCHAR(15) NOT NULL,
-> LokasiKelas VARCHAR(8) NOT NULL,
-> Maks INT NOT NULL,
-> JAM VARCHAR(30) NOT NULL,
-> PRIMARY KEY (KodeKelas));
Query OK, 0 rows affected (0.03 sec)

MariaDB [kuliah]> CREATE TABLE Mahasiswa (
-> NIM VARCHAR(10) NOT NULL,
-> NAMA VARCHAR(30) NOT NULL,
-> ALAMAT VARCHAR(100) NOT NULL,
-> fk_Ruangkelas_KodeKelas VARCHAR(15) NOT NULL
-> REFERENCES Ruangkelas (KodeKelas)
-> ON DELETE CASCADE ON UPDATE CASCADE,
-> PRIMARY KEY (NIM));
Query OK, 0 rows affected (0.02 sec)

MariaDB [kuliah]> CREATE TABLE Dosen (
-> NIP VARCHAR(15) NOT NULL,
-> KodeDosen INT NOT NULL,
-> Gaji INT NOT NULL,
-> PRIMARY KEY (KodeDosen));
Query OK, 0 rows affected (0.02 sec)

MariaDB [kuliah]> CREATE TABLE Matakuliah (
MariaDB [kuliah]> CREATE TABLE Matakuliah (
-> KodeKuliah VARCHAR(15) NOT NULL,
-> NamaKuliah VARCHAR(20) NOT NULL,
-> SMT INT NOT NULL,
-> PRIMARY KEY (KodeKuliah));
Query OK, 0 rows affected (0.02 sec)

MariaDB [kuliah]> CREATE TABLE Matakuliah_has_Dosen (
-> Matakuliah_KodeKuliah VARCHAR(15) NOT NULL REFERENCES Matakuliah (KodeKuliah) ON DELETE CASCADE ON UPDATE CASCADE,
-> Dosen_KodeDosen INT NOT NULL REFERENCES Dosen (KodeDosen) ON DELETE CASCADE ON UPDATE CASCADE,
-> Ruangkelas_KodeKelas VARCHAR(15) NOT NULL REFERENCES Ruangkelas (KodeKelas) ON DELETE CASCADE ON UPDATE CASCADE,
-> PRIMARY KEY (Matakuliah_KodeKuliah, Dosen_KodeDosen, Ruangkelas_KodeKelas));
Query OK, 0 rows affected (0.02 sec)

MariaDB [kuliah]>
```