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Command Prompt - mysql -u root -p
Microsoft Windows [Version 10.0.17763.195]
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C:\Users\Virliana>cd\

C:\>cd C:\xampp\mysql\bin

C:\xampp\mysql\bin>mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 13
Server version: 10.4.11-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 perkuliahan;
Query OK, 1 row affected (0.003 sec)

MariaDB [(none)]> use perkuliahan
Database changed
MariaDB [perkuliahan]> CREATE TABLE mahasiswa(
--
-- NIM INTEGER PRIMARY KEY,
-- nama_mahasiswa VARCHAR(45) NOT NULL,
-- alamat_mahasiswa VARCHAR(255) NOT NULL
-- );
Query OK, 0 rows affected (0.218 sec)

MariaDB [perkuliahan]> CREATE TABLE dosen(
-- id_dosen INTEGER PRIMARY KEY,
-- nama_dosen VARCHAR(20) NOT NULL,
-- alamat_dosen VARCHAR(255) NOT NULL,
-- gaji_dosen INTEGER NOT NULL
-- );
Query OK, 0 rows affected (0.230 sec)

MariaDB [perkuliahan]> CREATE TABLE ruang_kelas(
-- kode_kelas VARCHAR(20) PRIMARY KEY,
-- mata_kuliah_kode_matkul VARCHAR (20) REFERENCES mata_kuliah(kode_matkul) ON DELETE SET NULL ON UPDATE CASCADE,
-- kapasitas INTEGER NOT NULL
-- );
Query OK, 0 rows affected (0.224 sec)

MariaDB [perkuliahan]> CREATE TABLE mata_kuliah(
-- kode_matkul VARCHAR (20) PRIMARY KEY,
-- dosen_id_dosen INTEGER REFERENCES dosen (id_dosen) ON DELETE SET NULL ON UPDATE CASCADE,
-- nama_matkul VARCHAR (45) NOT NULL
-- );
Query OK, 0 rows affected (0.252 sec)

MariaDB [perkuliahan]> CREATE TABLE mahasiswa_has_mata_kuliah(
-- mata_kuliah_kode_matkul VARCHAR (20) REFERENCES mata_kuliah(kode_matkul) ON DELETE SET NULL ON UPDATE CASCADE,
-- mahasiswa_NIM INTEGER REFERENCES mahasiswa(NIM) ON DELETE SET NULL ON UPDATE CASCADE,
-- PRIMARY KEY (mata_kuliah_kode_matkul, mahasiswa_NIM)
-- );
Query OK, 0 rows affected (0.283 sec)

MariaDB [perkuliahan]> CREATE TABLE mahasiswa_has_dosen(
-- mahasiswa_NIM INTEGER REFERENCES mahasiswa(NIM) ON DELETE SET NULL ON UPDATE CASCADE,
-- dosen_id_dosen INTEGER REFERENCES dosen(id_dosen) ON DELETE SET NULL ON UPDATE CASCADE,
-- PRIMARY KEY (mahasiswa_NIM, dosen_id_dosen)
-- );
Query OK, 0 rows affected (0.353 sec)

MariaDB [perkuliahan]> show tables;
+-----+
| Tables_in_perkuliahan |
+-----+
| dosen                  |
| mahasiswa              |
| mahasiswa_has_dosen    |
| mahasiswa_has_mata_kuliah |
| mahasiswa              |
| mata_kuliah            |
| ruang_kelas            |
+-----+
7 rows in set (0.001 sec)

MariaDB [perkuliahan]> describe mahasiswa;
+-----+
| Field          | Type          | Null | Key | Default | Extra |
+-----+
| NIM            | int(11)       | NO   | PRI | NULL    |       |
| nama_mahasiswa | varchar(45)   | NO   |     | NULL    |       |
| alamat_mahasiswa | varchar(255) | NO   |     | NULL    |       |
+-----+
3 rows in set (0.127 sec)
```