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Kelas: C

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Microsoft Windows [Version 10.0.18362.720]
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C:\Users\ACER>cd..

C:\Users>cd..

C:\>cd 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 2
Server version: 10.1.38-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 (0.02 sec)

MariaDB [(none)]> use perkuliahan;
Database changed
MariaDB [perkuliahan]> create table mahasiswa(nim_mhs INTEGER PRIMARY KEY, nama_mhs VARCHAR(45) NOT NULL);
Query OK, 0 rows affected (0.05 sec)

MariaDB [perkuliahan]> create table dosen(nip_dosen INTEGER PRIMARY KEY, nim_mhsFK INTEGER REFERENCES mahasiswa(nim_mhs)
ON DELETE CASCADE ON UPDATE CASCADE, nama_dosen VARCHAR(45));
Query OK, 0 rows affected (0.04 sec)

MariaDB [perkuliahan]> create table mata_kuliah(kode_mk INTEGER PRIMARY KEY, kode_ruang_kelas INTEGER, nama_mk VARCHAR(4
5), jml_sks INTEGER);
Query OK, 0 rows affected (0.03 sec)

MariaDB [perkuliahan]> create table ruang_kelas(kode_ruang INTEGER PRIMARY KEY, kode_mkFK INTEGER REFERENCES mata_kuliah
(kode_mk) ON DELETE CASCADE ON UPDATE CASCADE, daya_tampung INTEGER);
Query OK, 0 rows affected (0.04 sec)

MariaDB [perkuliahan]> create table mahasiswa_has_mata_kuliah(nim_mhsFK INTEGER REFERENCES mahasiswa(nim_mhs) ON DELETE
CASCADE ON UPDATE CASCADE, kode_mkFK INTEGER REFERENCES mata_kuliah(kode_mk) ON DELETE CASCADE ON UPDATE CASCADE, PRIMAR
Y KEY(nim_mhsFK, kode_mkFK));
Query OK, 0 rows affected (0.04 sec)

MariaDB [perkuliahan]> create table mata_kuliah_has_dosen(kode_mkFK INTEGER REFERENCES mata_kuliah(kode_mk) ON DELETE CA
SCADE ON UPDATE CASCADE, nip_dosenFK INTEGER REFERENCES dosen(nip_dosen) ON DELETE CASCADE ON UPDATE CASCADE, PRIMARY KE
Y(kode_mkFK, nip_dosenFK));
Query OK, 0 rows affected (0.04 sec)

MariaDB [perkuliahan]> show tables;
+-----+
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Command Prompt - mysql -u root -p
Y(kode_mkFK, nip_dosenFK));
Query OK, 0 rows affected (0.04 sec)

MariaDB [perkuliahan]> show tables;
+-----+
| Tables_in_perkuliahan |
+-----+
| dosen                  |
| mahasiswa              |
| mahasiswa_has_mata_kuliah |
| mata_kuliah            |
| mata_kuliah_has_dosen  |
| ruang_kelas            |
+-----+
6 rows in set (0.01 sec)

MariaDB [perkuliahan]> describe dosen;
->
-> describe dosen;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'describe dosen' at line 3
MariaDB [perkuliahan]> describe dosen;
+-----+
| Field      | Type          | Null | Key | Default | Extra |
+-----+
| nip_dosen  | int(11)       | NO   | PRI | NULL    |       |
| nim_mhsFK  | int(11)       | YES  |     | NULL    |       |
| nama_dosen | varchar(45)   | YES  |     | NULL    |       |
+-----+
3 rows in set (0.04 sec)

MariaDB [perkuliahan]> describe mahasiswa;
+-----+
| Field      | Type          | Null | Key | Default | Extra |
+-----+
| nim_mhs    | int(11)       | NO   | PRI | NULL    |       |
| nama_mhs   | varchar(45)   | NO   |     | NULL    |       |
+-----+
2 rows in set (0.02 sec)

MariaDB [perkuliahan]> describe mahasiswa_has_mata_kuliah;
+-----+
| Field      | Type          | Null | Key | Default | Extra |
+-----+
| nim_mhsFK  | int(11)       | NO   | PRI | NULL    |       |
| kode_mkFK  | int(11)       | NO   | PRI | NULL    |       |
+-----+
2 rows in set (0.02 sec)

MariaDB [perkuliahan]> describe mata_kuliah;
+-----+

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+-----+-----+-----+-----+
2 rows in set (0.02 sec)

MariaDB [perkuliahan]> describe mata_kuliah;
+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+
| kode_mk    | int(11)   | NO   | PRI | NULL    |       |
| kode_ruang_kelas | int(11)   | YES  |     | NULL    |       |
| nama_mk    | varchar(45) | YES  |     | NULL    |       |
| jml_sks    | int(11)   | YES  |     | NULL    |       |
+-----+-----+-----+-----+
4 rows in set (0.03 sec)

MariaDB [perkuliahan]> describe ruang_kelas;
+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+
| kode_ruang | int(11)   | NO   | PRI | NULL    |       |
| kode_mkFK  | int(11)   | YES  |     | NULL    |       |
| daya_tampung | int(11)   | YES  |     | NULL    |       |
+-----+-----+-----+-----+
3 rows in set (0.02 sec)

MariaDB [perkuliahan]> describe mata_kuliah_has_dosen
-> describe mata_kuliah_has_dosen;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'describe mata_kuliah_has_dosen' at line 2
MariaDB [perkuliahan]> describe mata_kuliah_has_dosen;
+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+
| kode_mkFK  | int(11)   | NO   | PRI | NULL    |       |
| nip_dosenFK | int(11)   | NO   | PRI | NULL    |       |
+-----+-----+-----+-----+
2 rows in set (0.02 sec)

MariaDB [perkuliahan]>

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