

```
C:\Windows\system32\cmd.e X + v

C:\xampp\mysql\bin>mysql -u root
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 67
Server version: 10.4.27-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)]> show databases
+-----+
| Database |
+-----+
| 2349_muhammadagungf |
| agung_p7_2349 |
| agung_uas |
| bank |
| cobra |
| costumer |
| information_schema |
| magungf_2349 |
| mysql |
| p11 |
| performance_schema |
| phpmyadmin |
| psbd_p3 |
| sbd |
| syaibatulkhaniifah_2366 |
| test |
| uas |
| uas_agung |
| vika_p7_2385 |
| vikawahyusefiana |
| vikawahyusefiana_2385 |
+-----+

MariaDB [(none)]> create database 2349_MAgungF;
Query OK, 1 row affected (0.001 sec)

MariaDB [(none)]> use MAgungF;
ERROR 1049 (42000): Unknown database 'magungf'
MariaDB [(none)]> use 2349_MAgungF;
Database changed
MariaDB [2349_MAgungF]> create table Mahasiswa_2349(
-> NPM INT PRIMARY KEY NOT NULL,
-> Nama VARCHAR(50) NOT NULL,
-> Kelas VARCHAR(3) NOT NULL);
Query OK, 0 rows affected (0.225 sec)

MariaDB [2349_MAgungF]> CREATE TABLE Nilai_23349(
-> NPM INT PRIMARY KEY NOT NULL,
-> No_Mk INT NOT NULL,
-> MID FLOAT NOT NULL,
-> FINAL FLOAT NOT NULL
-> );
Query OK, 0 rows affected (0.206 sec)

MariaDB [2349_MAgungF]> CREATE TABLE MataKuliah_23349(
-> No_Mk INT PRIMARY KEY NOT NULL,
-> Nama_MK VARCHAR(30) NOT NULL,
-> SKS INT(2)
-> );
Query OK, 0 rows affected (0.233 sec)

MariaDB [2349_MAgungF]> INSERT INTO mahasiswa_2349 VALUES
-> ('2349','Muhammad Agung Febriyanto','R45'),
-> ('2350','Agung','R46'),
-> ('2351','Febrian','R46'),
-> ('2352','Brian','R45'),
-> ('2353','Rian','R47');
Query OK, 5 rows affected (0.398 sec)
Records: 5 Duplicates: 0 Warnings: 0
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MariaDB [2349_MAgungF]> INSERT INTO nilai_2349 VALUES
-> ('2349','110011','78','80'),
-> ('2350','120011','80','87'),
-> ('2351','130011','69','70'),
-> ('2352','140011','80','60'),
-> ('2353','150011','85','90');
ERROR 1146 (42S02): Table '2349_magungf.nilai_2349' doesn't exist
MariaDB [2349_MAgungF]> INSERT INTO mahasiswa_23349 VALUES
-> ('2349','110011','78','80'),
-> ('2350','120011','80','87'),
MariaDB [2349_MAgungF]> SELECT*FROM mahasiswa_2349;
+----+-----+-----+
| NPM | Nama                | Kelas |
+----+-----+-----+
| 2349 | Muhammad Agung Febriyanto | R45   |
| 2350 | Agung                | R46   |
| 2351 | Febrian              | R46   |
| 2352 | Brian                | R45   |
| 2353 | Rian                 | R47   |
+----+-----+-----+
5 rows in set (0.001 sec)

MariaDB [2349_MAgungF]> SELECT*FROM nilai_23349;
+----+-----+-----+-----+
| NPM | No_Mk | MID | FINAL |
+----+-----+-----+-----+
| 2349 | 110011 | 78 | 80 |
| 2350 | 120011 | 80 | 87 |
| 2351 | 130011 | 69 | 70 |
| 2352 | 140011 | 80 | 60 |
| 2353 | 150011 | 85 | 90 |
+----+-----+-----+-----+
5 rows in set (0.001 sec)

MariaDB [2349_MAgungF]> SELECT*FROM matakuliah_23349;
+----+-----+-----+
| No_Mk | Nama_MK              | SKS |
+----+-----+-----+
| 110011 | Basis Data           | 4 |
| 120011 | Komunikasi Data      | 3 |
| 130011 | Algoritma            | 3 |
| 140011 | Jaringan Komputer    | 2 |
| 150011 | Logika Matematika    | 2 |
+----+-----+-----+
5 rows in set (0.000 sec)

MariaDB [2349_MAgungF]> SELECT mahasiswa_2349.nama, matakuliah_23349>Nama_MK, nilai_23349.MID FROM mahasiswa_2349, nilai_23349, matakuliah_23349
-> ;
+----+-----+-----+-----+
| nama                | Nama_MK              | MID |
+----+-----+-----+-----+
| Muhammad Agung Febriyanto | Basis Data           | 78 |
| Agung                | Basis Data           | 78 |
| Febrian              | Basis Data           | 78 |
| Brian                | Basis Data           | 78 |
| Rian                 | Basis Data           | 78 |
| Muhammad Agung Febriyanto | Basis Data           | 80 |
| Agung                | Basis Data           | 80 |
| Febrian              | Basis Data           | 80 |
| Brian                | Basis Data           | 80 |
| Rian                 | Basis Data           | 80 |
| Muhammad Agung Febriyanto | Basis Data           | 69 |
| Agung                | Basis Data           | 69 |
| Febrian              | Basis Data           | 69 |
| Brian                | Basis Data           | 69 |
| Rian                 | Basis Data           | 69 |
| Muhammad Agung Febriyanto | Basis Data           | 80 |
| Agung                | Basis Data           | 80 |
| Febrian              | Basis Data           | 80 |
| Brian                | Basis Data           | 80 |
| Rian                 | Basis Data           | 80 |
| Muhammad Agung Febriyanto | Basis Data           | 85 |
| Agung                | Basis Data           | 85 |
| Febrian              | Basis Data           | 85 |
| Brian                | Basis Data           | 85 |
| Rian                 | Basis Data           | 85 |
| Muhammad Agung Febriyanto | Komunikasi Data      | 78 |
| Agung                | Komunikasi Data      | 78 |
| Febrian              | Komunikasi Data      | 78 |
| Brian                | Komunikasi Data      | 78 |
| Rian                 | Komunikasi Data      | 78 |
| Muhammad Agung Febriyanto | Komunikasi Data      | 80 |
| Agung                | Komunikasi Data      | 80 |

```

Agung	Komunikasi Data	80
Febrian	Komunikasi Data	80
Brian	Komunikasi Data	80
Rian	Komunikasi Data	80
Muhammad Agung Febriyanto	Komunikasi Data	69
Agung	Komunikasi Data	69
Febrian	Komunikasi Data	69
Brian	Komunikasi Data	69
Rian	Komunikasi Data	69
Muhammad Agung Febriyanto	Komunikasi Data	80
Agung	Komunikasi Data	80
Febrian	Komunikasi Data	80
Brian	Komunikasi Data	80
Rian	Komunikasi Data	80
Muhammad Agung Febriyanto	Komunikasi Data	85
Agung	Komunikasi Data	85
Febrian	Komunikasi Data	85
Brian	Komunikasi Data	85
Rian	Komunikasi Data	85
Muhammad Agung Febriyanto	Algoritma	78
Agung	Algoritma	78
Febrian	Algoritma	78
Brian	Algoritma	78
Rian	Algoritma	78
Muhammad Agung Febriyanto	Algoritma	80
Agung	Algoritma	80
Febrian	Algoritma	80
Brian	Algoritma	80
Rian	Algoritma	80
Muhammad Agung Febriyanto	Algoritma	69
Agung	Algoritma	69
Febrian	Algoritma	69
Brian	Algoritma	69
Rian	Algoritma	69
Muhammad Agung Febriyanto	Algoritma	80
Agung	Algoritma	80
Febrian	Algoritma	80
Brian	Algoritma	80
Rian	Algoritma	80
Muhammad Agung Febriyanto	Algoritma	85
Agung	Algoritma	85
Febrian	Algoritma	85
Brian	Algoritma	85
Rian	Algoritma	85
Muhammad Agung Febriyanto	Jaringan Komputer	78
Agung	Jaringan Komputer	78
Febrian	Jaringan Komputer	78
Brian	Jaringan Komputer	78
Rian	Jaringan Komputer	78
Muhammad Agung Febriyanto	Jaringan Komputer	80
Agung	Jaringan Komputer	80
Febrian	Jaringan Komputer	80
Brian	Jaringan Komputer	80
Rian	Jaringan Komputer	80
Muhammad Agung Febriyanto	Jaringan Komputer	69
Agung	Jaringan Komputer	69
Febrian	Jaringan Komputer	69
Brian	Jaringan Komputer	69
Rian	Jaringan Komputer	69
Muhammad Agung Febriyanto	Jaringan Komputer	80
Agung	Jaringan Komputer	80
Febrian	Jaringan Komputer	80
Brian	Jaringan Komputer	80
Rian	Jaringan Komputer	80
Muhammad Agung Febriyanto	Jaringan Komputer	85
Agung	Jaringan Komputer	85
Febrian	Jaringan Komputer	85
Brian	Jaringan Komputer	85
Rian	Jaringan Komputer	85
Muhammad Agung Febriyanto	Logika Matematika	78
Agung	Logika Matematika	78
Febrian	Logika Matematika	78
Brian	Logika Matematika	78
Rian	Logika Matematika	78
Muhammad Agung Febriyanto	Logika Matematika	80
Agung	Logika Matematika	80
Febrian	Logika Matematika	80
Brian	Logika Matematika	80
Rian	Logika Matematika	80
Muhammad Agung Febriyanto	Logika Matematika	69
Agung	Logika Matematika	69
Febrian	Logika Matematika	69
Brian	Logika Matematika	69
Rian	Logika Matematika	69
Muhammad Agung Febriyanto	Logika Matematika	80
Agung	Logika Matematika	80
Febrian	Logika Matematika	80
Brian	Logika Matematika	80
Rian	Logika Matematika	80
Muhammad Agung Febriyanto	Logika Matematika	85
Agung	Logika Matematika	85
Febrian	Logika Matematika	85
Brian	Logika Matematika	85
Rian	Logika Matematika	85

125 rows in set (0.001 sec)

```

MariaDB [2349_MAgungF]> SELECT mahasiswa_2349.nama, matakuliah_23349>Nama_Mk, nilai_23349.MID
-> FROM mahasiswa_2349, nilai_23349, matakuliah_23349
-> WHERE mahasiswa_2349.npm = nilai_23349.npm
-> AND nilai_23349.no_mk = matakuliah_23349.no_mk
-> AND mid
-> BETWEEN 70
-> AND 80;

+-----+-----+-----+
| nama          | Nama_Mk          | MID |
+-----+-----+-----+
| Muhammad Agung Febriyanto | Basis Data       | 78 |
| Agung         | Komunikasi Data   | 88 |
| Brian         | Jaringan Komputer | 88 |
+-----+-----+-----+
3 rows in set (0.071 sec)

MariaDB [2349_MAgungF]> SELECT mahasiswa_2349.nama, matakuliah_23349.nama_mk
-> FROM mahasiswa_2349, matakuliah_23349, nilai
-> WHERE mahasiswa_2349.npm = nilai_23349.npm
-> AND nilai_23349.no_mk = matakuliah_23349.no_mk
-> AND nama_mk = "Komunikasi Data";
ERROR 1146 (42S02): Table '2349_magungf.nilai' doesn't exist
MariaDB [2349_MAgungF]> SELECT mahasiswa_2349.nama, matakuliah_23349.nama_mk
-> FROM mahasiswa_2349, matakuliah_23349, nilai_23349
-> WHERE mahasiswa_2349.npm = nilai_23349.npm
-> AND nilai_23349.no_mk = matakuliah_23349.no_mk
-> AND nama_mk = "Komunikasi Data";
ERROR 1054 (42S22): Unknown column 'matakuliah_23349.nama_mk' in 'field list'
MariaDB [2349_MAgungF]> SELECT mahasiswa_2349>Nama, matakuliah_23349>Nama_Mk
-> FROM mahasiswa_2349, matakuliah_23349, nilai_23349
-> WHERE mahasiswa_2349.npm = nilai_23349.npm
-> AND nilai_23349.no_mk = matakuliah_23349.no_mk
-> AND nama_mk = "Komunikasi Data";

+-----+-----+
| Nama | Nama_Mk |
+-----+-----+
| Agung | Komunikasi Data |
+-----+-----+
1 row in set (0.001 sec)

MariaDB [2349_MAgungF]> SELECT mahasiswa_2349.nama, nilai_23349.final, matakuliah_23349.nama_mk
-> FROM mahasiswa_2349, matakuliah_23349, nilai_23349
-> WHERE mahasiswa_2349.npm = nilai_23349.npm
-> AND nilai_23349.no_mk = matakuliah_23349.no_mk;
ERROR 1146 (42S02): Table '2349_magungf.matakuliah_23349' doesn't exist
MariaDB [2349_MAgungF]> SELECT mahasiswa_2349.nama, nilai_23349.final, matakuliah_23349.nama_mk
-> FROM mahasiswa_2349, matakuliah_23349, nilai_23349
-> WHERE mahasiswa_2349.npm = nilai_23349.npm
-> AND nilai_23349.no_mk = matakuliah_23349.no_mk;

+-----+-----+-----+
| nama          | final | nama_mk |
+-----+-----+-----+
| Muhammad Agung Febriyanto | 88    | Basis Data |
| Agung         | 87    | Komunikasi Data |
| Febrlan       | 78    | Algoritma |
| Brian         | 68    | Jaringan Komputer |
| Rian          | 98    | Logika Matematika |
+-----+-----+-----+
5 rows in set (0.001 sec)

MariaDB [2349_MAgungF]> SELECT mahasiswa_2349>Nama, matakuliah_23349>Nama_Mk
-> FROM mahasiswa_2349, matakuliah_23349, nilai_23349
-> WHERE mahasiswa_2349.npm = nilai_23349.npm
-> AND nilai_23349.no_mk = matakuliah_23349.no_mk
-> AND nama_mk = "Komunikasi Data";

+-----+-----+
| Nama | Nama_Mk |
+-----+-----+
| Agung | Komunikasi Data |
+-----+-----+
1 row in set (0.001 sec)

MariaDB [2349_MAgungF]> SELECT mahasiswa_2349.nama, nilai_23349.final, matakuliah_23349.nama_mk
-> FROM mahasiswa_2349, matakuliah_23349, nilai_23349
-> WHERE mahasiswa_2349.npm = nilai_23349.npm
-> AND nilai_23349.no_mk = matakuliah_23349.no_mk;
ERROR 1146 (42S02): Table '2349_magungf.matakuliah_23349' doesn't exist
MariaDB [2349_MAgungF]> SELECT mahasiswa_2349.nama, nilai_23349.final, matakuliah_23349.nama_mk
-> FROM mahasiswa_2349, matakuliah_23349, nilai_23349
-> WHERE mahasiswa_2349.npm = nilai_23349.npm
-> AND nilai_23349.no_mk = matakuliah_23349.no_mk;

+-----+-----+-----+
| nama          | final | nama_mk |
+-----+-----+-----+
| Muhammad Agung Febriyanto | 88    | Basis Data |
| Agung         | 87    | Komunikasi Data |
| Febrlan       | 78    | Algoritma |
| Brian         | 68    | Jaringan Komputer |
| Rian          | 98    | Logika Matematika |
+-----+-----+-----+
5 rows in set (0.001 sec)

MariaDB [2349_MAgungF]> SELECT mahasiswa_2349.nama, nilai_23349.mid, matakuliah_23349.nama_mk
-> FROM mahasiswa_2349, matakuliah_23349, nilai_23349
-> WHERE mahasiswa_2349.npm = nilai_23349.npm
-> AND nilai_23349.no_mk = matakuliah_23349.no_mk
-> AND mid < 80
-> AND nama_mk = "Algoritma";

+-----+-----+-----+
| nama | mid | nama_mk |
+-----+-----+-----+
| Febrlan | 69 | Algoritma |
+-----+-----+
1 row in set (0.048 sec)

MariaDB [2349_MAgungF]> SELECT mahasiswa_2349.kelas, nilai_23349.final
-> FROM mahasiswa_2349, matakuliah_23349, nilai_23349
-> WHERE mahasiswa_2349.npm = nilai_23349.npm
-> AND nilai_23349.no_mk = matakuliah_23349.no_mk
-> AND final > 80;

+-----+-----+
| kelas | final |
+-----+-----+
| R46   | 87    |
| R47   | 98    |
+-----+-----+
2 rows in set (0.001 sec)

```