

DATABASE SYSTEMS PRACTICUM
PRACTICUM 9



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1. Activity

```
Setting environment for using XAMPP for Windows.
LABSI-15@LABSI-15-PC c:\xampp
# mysql -u root
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 18
Server version: 10.1.37-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)]> use mysql
Database changed
MariaDB [mysql]> create user 'riris'@'localhost' identified by 'riris123';
Query OK, 0 rows affected (0.03 sec)

MariaDB [mysql]> use mysql;
Database changed
MariaDB [mysql]> grant select on perbankan.nasabah to riris@localhost;
Query OK, 0 rows affected (0.01 sec)

MariaDB [mysql]> grant select on perbankan.cabang_bank to riris@localhost;
Query OK, 0 rows affected (0.01 sec)

MariaDB [mysql]> exit;
Bye

LABSI-15@LABSI-15-PC c:\xampp
# mysql -u riris -p
Enter password: *****
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 21
Server version: 10.1.37-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)]> show databases;
+-----+
| Database |
+-----+
| information_schema |
| perbankan |
| test |
+-----+
3 rows in set (0.00 sec)
```

```
MariaDB [(none)]> use perbankan;
Database changed
MariaDB [perbankan]> select * from nasabah;
```

id_nasabah	nama_nasabah	alamat_nasabah
1	Sutopo	Jl. Jendral Sudirman 12
2	Maryati	Jl. MT Haryono 31
3	Suparman	Jl. Hasanudin 81
4	Kartika Padmasari	Jl. Manggis 15
5	Budi Eko Prayogo	Jl. Kantil 30
6	Satria Eka Jaya	Jl. Slamet Riyadi 45
7	Irianandya	Jl. Sutoyo 5
8	Sari Murti	Jl. Pangandaran 11
9	Canka Lokananta	Jl. Tidar 86
10	Budi Martono	Jl. Merak 22
11	Danindya	Jl. Aki Balak 22
12	Puput	Jl. AMD 10
13	Muliana	Jl. Jend. Sudirman 97
14	Putri	Jl. Diponegoro 19
15	Bening	Jl. Agatis 10
16	Khatulistyawara	Jl. Ir. Soekarno 12
17	Pandan Wangi	Jl. Iman Bonjol 20
18	Andara	Jl. Pertama 26
19	Rangga	Jl. Kedua 80
20	Cinta	Jl. Ketiga 24

```
20 rows in set (0.03 sec)

MariaDB [perbankan]> insert into nasabah values ('31', 'Susilo', 'Sukoharjo');
ERROR 1142 (42000): INSERT command denied to user 'riris'@'localhost' for table 'nasabah'
MariaDB [perbankan]> delete from nasabah where 1;
ERROR 1142 (42000): DELETE command denied to user 'riris'@'localhost' for table 'nasabah'
```

```

MariaDB [perbankan]> select * from cabang_bank;
+-----+-----+-----+
| kode_cabang | nama_cabang          | alamat_cabang          |
+-----+-----+-----+
| BRUB       | Bank Rut Unit Boyolali | Jl. Ahmad Yani 45      |
| BRUBA      | Bank Rut Unit Balikpapan | Jl. Keempat 11        |
| BRUBE      | Bank Rut Unit Berau     | Jl. Ketujuh 14        |
| BRUK       | Bank Rut Unit Klaten    | Jl. Superman 23       |
| BRUKA      | Bank Rut Unit Kartasura  | Jl. Kesembilan 16     |
| BRUKR      | Bank Rut Unit Karanganyar | Jl. Tawangmangu 19    |
| BRUM       | Bank Rut Unit Magelang  | Jl. P. Tendean 63     |
| BRUP       | Bank Rut Unit Pontianak  | Jl. Kedelapan 15      |
| BRUS       | Bank Rut Unit Surakarta  | Jl. Slamet Riyadi 18  |
| BRUSA      | Bank Rut Unit Samarinda  | Jl. Kelima 12         |
| BRUSR      | Bank Rut Unit Sragen    | Jl. Pattimura 18      |
| BRUSU      | Bank Rut Unit Sukoharjo  | Jl. Kesepuluh 17      |
| BRUT       | Bank Rut Unit Tarakan    | Jl. Slamet Riyadi 22  |
| BRUTA      | Bank Rut Unit Tanjung Selor | Jl. Keenam 13        |
| BRUW       | Bank Rut Unit Wonogiri   | Jl. Untung Suropati 12 |
| BRUY       | Bank Rut Unit Yogyakarta | Jl. Anggrek 21        |
+-----+-----+-----+
16 rows in set (0.02 sec)

MariaDB [perbankan]> insert into cabang_bank values('BRUM', 'Bank Rut Solo', 'Solo');
ERROR 1142 (42000): INSERT command denied to user 'riris'@'localhost' for table 'cabang_bank'
MariaDB [perbankan]> delete from cabang_bank where 2;
ERROR 1142 (42000): DELETE command denied to user 'riris'@'localhost' for table 'cabang_bank'
MariaDB [perbankan]>

```

2. Assignment

```

Setting environment for using XAMPP for Windows.
LABSI-15@LABSI-15-PC c:\xampp
# mysql -u root
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 34
Server version: 10.1.37-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)]> use mysql
Database changed
MariaDB [mysql]> create user 'sartika'@'localhost' identified by 'sartika';
Query OK, 0 rows affected (0.00 sec)

MariaDB [mysql]> use my sql;
ERROR 1049 (42000): Unknown database 'my'
MariaDB [mysql]> use mysql;
Database changed
MariaDB [mysql]> grant insert on perbankan.nasabah to sartika@localhost;
Query OK, 0 rows affected (0.00 sec)

MariaDB [mysql]> grant update on perbankan.nasabah to sartika@localhost;
Query OK, 0 rows affected (0.00 sec)

MariaDB [mysql]> grant delete on perbankan.nasabah to sartika@localhost;
Query OK, 0 rows affected (0.00 sec)

MariaDB [mysql]> grant select on perbankan.cabang_bank to sartika@localhost;
Query OK, 0 rows affected (0.00 sec)

MariaDB [mysql]> exit;
Bye

LABSI-15@LABSI-15-PC c:\xampp
# mysql -u sartika -p
Enter password: *****
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 35
Server version: 10.1.37-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)]> show databases;
+-----+
| Database |
+-----+
| information_schema |
| perbankan |
| test |
+-----+
3 rows in set (0.00 sec)

```

```

MariaDB [(none)]> use perbankan;
Database changed
MariaDB [perbankan]> select * from cabang_bank;
+-----+-----+-----+
| kode_cabang | nama_cabang | alamat_cabang |
+-----+-----+-----+
| BRUB | Bank Rut Unit Boyolali | Jl. Ahmad Yani 45 |
| BRUBA | Bank Rut Unit Balikpapan | Jl. Keempat 11 |
| BRUBE | Bank Rut Unit Berau | Jl. Ketujuh 14 |
| BRUK | Bank Rut Unit Klaten | Jl. Superman 23 |
| BRUKA | Bank Rut Unit Kartasura | Jl. Kesembilan 16 |
| BRUKR | Bank Rut Unit Karanganyar | Jl. Tawangmangu 19 |
| BRUM | Bank Rut Unit Magelang | Jl. P. Tendean 63 |
| BRUP | Bank Rut Unit Pontianak | Jl. Kedelapan 15 |
| BRUS | Bank Rut Unit Surakarta | Jl. Slamet Riyadi 18 |
| BRUSA | Bank Rut Unit Samarinda | Jl. Melina 12 |
| BRUSR | Bank Rut Unit Sragen | Jl. Pattimura 18 |
| BRUSU | Bank Rut Unit Sukoharjo | Jl. Kesepuluh 17 |
| BRUT | Bank Rut Unit Tarakan | Jl. Slamet Riyadi 22 |
| BRUTA | Bank Rut Unit Tanjung Selor | Jl. Keenam 13 |
| BRUW | Bank Rut Unit Wonogiri | Jl. Untung Suropati 12 |
| BRUY | Bank Rut Unit Yogyakarta | Jl. Anggrek 21 |
+-----+-----+-----+
16 rows in set (0.00 sec)

MariaDB [perbankan]> show nasabah;
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 'nasabah' at line 1
MariaDB [perbankan]> select * from nasabah;
ERROR 1142 (42000): SELECT command denied to user 'sartika'@'localhost' for table 'nasabah'
MariaDB [perbankan]> insert into nasabah (id_nasabah, nama_nasabah, alamat_nasabah) values ('70', 'Sartika', 'Solo');
Query OK, 1 row affected (0.05 sec)

MariaDB [perbankan]> describe nasabah;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id_nasabah | int(11) | NO | PRI | NULL | |
| nama_nasabah | varchar(45) | NO | | NULL | |
| alamat_nasabah | varchar(255) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.01 sec)

MariaDB [perbankan]> insert into cabang_bank (kode_cabang, nama_cabang, alamat_cabang) values ('RTEV', 'Sartika', 'Solo');
ERROR 1142 (42000): INSERT command denied to user 'sartika'@'localhost' for table 'cabang_bank'
MariaDB [perbankan]>

```