

**DATABASE SYSTEMS PRACTICUM**  
**PRACTICUM 9**



**By:**

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**2020**

## 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 | Trianandya | 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 | Khatulistiyawara | Jl. Ir. Soekarno 12 |
| 17 | Pandan Wangi | Jl. Imam 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. Suparman 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. Kespuluh 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. Suparman 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 |
| BRUV | 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', 'S
artika', '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 ('RTEY
', 'Sartika', 'Solo');
ERROR 1142 (42000): INSERT command denied to user 'sartika'@'localhost' for table 'cabang_bank'
MariaDB [perbankan]>

```