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Praktikum Modul 9
Sistem Basis Data

1. Praktikum

- a.

```
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 8
Server version: 10.4.11-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 perbankan
Database changed
MariaDB [perbankan]> create table user (
  -> user varchar(45) primary key unique,
  -> password varchar(255) not null
  -> );
Query OK, 0 rows affected (0.480 sec)

MariaDB [perbankan]> insert into user (user,password) values ('myuser','myuser')
;
Query OK, 1 row affected (0.358 sec)
```
- b.

```
MariaDB [perbankan]> grant select on perbankan.cabang_bank to myuser;
Query OK, 0 rows affected (0.106 sec)

MariaDB [perbankan]> flush privileges;
Query OK, 0 rows affected (0.001 sec)

MariaDB [perbankan]> grant select on perbankan.nasabah to myuser;
Query OK, 0 rows affected (0.131 sec)

MariaDB [perbankan]> flush privileges;
Query OK, 0 rows affected (0.001 sec)
```
- c.

```
MariaDB [perbankan]> exit
Bye
```
- d.

```
C:\xampp\mysql\bin>mysql -u myuser
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 9
Server version: 10.4.11-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.
```
- e.

```
MariaDB [(none)]> use perbankan;
Database changed
MariaDB [perbankan]>
```
- f.

```
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
8	Sari Murti	Jl. Pangandaran 11
9	Canka Lokananta	Jl. Tidar 86
10	Budi Murtono	Jl. Merak 22

```
9 rows in set (0.092 sec)

MariaDB [perbankan]> insert into nasabah values ('31','Susilo','Sukoharjo');
ERROR 1142 (42000): INSERT command denied to user 'myuser'@'localhost' for table 'nasabah'
```
- g.

- h.

```
MariaDB [perbankan]> exit
Bye

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 10
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.
```
- i.

```
MariaDB [perbankan]> revoke select on perbankan.nasabah from myuser;
Query OK, 0 rows affected (0.181 sec)

MariaDB [perbankan]> flush privileges;
Query OK, 0 rows affected (0.001 sec)
```
- j.

```
MariaDB [perbankan]> exit
Bye

C:\xampp\mysql\bin>mysql -u myuser
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 11
Server version: 10.4.11-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.
```
- k.

```
MariaDB [(none)]> use perbankan
Database changed
```
- l.

```
MariaDB [perbankan]> select * from nasabah;
ERROR 1142 (42000): SELECT command denied to user 'myuser'@'localhost' for table 'nasabah'
```

2. Tugas

- a.

```
MariaDB [perbankan]> insert into user(user,password) values ('rezaaristo','reza13');
Query OK, 1 row affected (0.10 sec)

MariaDB [perbankan]> grant insert, update, delete on perbankan.nasabah to rezaaristo;
Query OK, 0 rows affected (0.00 sec)

MariaDB [perbankan]> flush privileges;
Query OK, 0 rows affected (0.00 sec)

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

MariaDB [perbankan]> flush privileges;
Query OK, 0 rows affected (0.00 sec)
```
- b.

```

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 | Indri Hapsari | Jl. Sutoyo 5 |
| 8 | Sari Murti | Jl. Pangandaran 11 |
| 9 | Canka Lokananta | Jl. Tidar 86 |
| 10 | Budi Murtono | Jl. Merak 22 |
+-----+-----+-----+
10 rows in set (0.04 sec)

MariaDB [perbankan]> insert into nasabah values
-> ('13', 'Reza', 'Jl. Aralia 134');
Query OK, 1 row affected (0.08 sec)

MariaDB [perbankan]> insert into cabang_bank values
-> ('BRUP', 'Bank Rut Unit Papua', 'Jl, Inie Baru 21');
Query OK, 1 row affected (0.09 sec)

```

- c.
- d. Berdasarkan pemahaman saya, perintah di poin c bisa dilakukan meskipun tidak mendapat GRANT karena tidak di REVOKE. Jika perintahnya di REVOKE, maka perintahnya tidak akan bisa dilakukan.