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Praktikum Sistem Basis Data Modul 9

1. Praktikum

a.

```
C:\Windows\system32\cmd.exe - mysql -u myuser
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\fix>cd\

C:\>cd C:\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 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
```

b.

```
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)
```

c.

```
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)
```

d.

```
MariaDB [perbankan]> exit
Bye
```

e.

```
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.
```

f.

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

g.

```
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'
```

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

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

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 ('irvan_rif','irvan_02022001');
Query OK, 1 row affected (0.142 sec)

```

b.

```

MariaDB [perbankan]> grant insert, update, delete on perbankan.nasabah to irvan_rif;
Query OK, 0 rows affected (0.087 sec)

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

MariaDB [perbankan]> grant select on perbankan.cabang_bank to irvan_rif;
Query OK, 0 rows affected (0.135 sec)

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

```

c.

```
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
11	Rifai	Jl. Klaten 121

```
10 rows in set (0.001 sec)
```

```
MariaDB [perbankan]> insert into nasabah values
-> ('21','Rifai','Jl. Klaten 121')
-> ;
Query OK, 1 row affected (0.120 sec)
```

```
MariaDB [perbankan]> insert into cabang_bank values
-> ('BRUP','Bank Rut Unit Papua','Jl. Inie Baru 21')
-> ;
Query OK, 1 row affected (0.092 sec)
```

- d. Berdasarkan analisis saya, perintah point c tetap dapat dilakukan padahal tidak mendapat grant adalah karena tidak di revoke, begitu pula sebaliknya. Apabila tdiak di revoke maka akan tetap dpat diakses perintah tsb. Mengingat apa yang saya paham adalah default=grant all.