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H

## Laporan Praktikum Sistem Basis Data

### Modul 9

#### 1. Login sebagai root di mysql

```
C:\WINDOWS\system32\cmd.exe - mysql -u myuser
Microsoft Windows [Version 10.0.18363.836]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\GL63>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.
```

#### 2. Ganti database ke mysql

```
MariaDB [perbankan]> use mysql
Database changed
```

#### 3. Tambahkan user baru ke dalam table user

```
MariaDB [mysql]> create user 'sufyanhz'@'localhost' identified by '1234';
Query OK, 0 rows affected (0.022 sec)
```

#### 4. Beri hak akses ke “myuser”

```
MariaDB [mysql]> grant select on perbankan.nasabah to myuser;
Query OK, 0 rows affected (0.023 sec)

MariaDB [mysql]> flush privilege;
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 'privilege' at line 1
MariaDB [mysql]> flush privileges;
Query OK, 0 rows affected (0.000 sec)

MariaDB [mysql]> grant select on perbankan.cabang_bank to myuser;
Query OK, 0 rows affected (0.036 sec)

MariaDB [mysql]> flush privileges;
Query OK, 0 rows affected (0.000 sec)
```

5. Keluar dengan perintah exit

6. Login sebagai myuser

```
C:\xampp\mysql\bin>mysql -u myuser
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 34
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.
```

7. Ubah database ke perbankan

```
C:\WINDOWS\system32\cmd.exe - mys
MariaDB [(none)]> use perbankan;
Database changed
```

8. Gunakan select pada tabel nasabah

```
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 Murtiono | Jl. Merak 22 |
+-----+-----+-----+
10 rows in set (0.000 sec)
```

9. Lakukan insert pada tabel nasabah

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

10. Lalu exit dan login sebagai root kembali

```
MariaDB [(none)]> exit
Bye

C:\xampp\mysql\bin>mysql -u myuser
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 50
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.
```

### 11. Lakukan revoke pada user

```
MariaDB [(none)]> revoke select on perbankan.nasabah from myuser;
Query OK, 0 rows affected (0.030 sec)

MariaDB [(none)]> flush privileges;
Query OK, 0 rows affected (0.000 sec)
```

### 12. Lalu exit dan login kembali ke user “myuser”

```
MariaDB [(none)]> exit
Bye

C:\xampp\mysql\bin>mysql -u myuser
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 50
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.
```

### 13. Lakukan perintah select pada tabel nasabah

```
MariaDB [(none)]> use perbankan
Database changed
MariaDB [perbankan]> select * from nasabah;
ERROR 1142 (42000): SELECT command denied to user 'myuser'@'localhost' for table 'nasabah'
```

## Tugas

### 1. Buat user baru dengan nama

```
MariaDB [mysql]> create user 'sufyanhz'@'localhost' identified by '1234';
Query OK, 0 rows affected (0.022 sec)
```

### 2. Beri akses

```
MariaDB [(none)]> use mysql
Database changed
MariaDB [mysql]> grant insert on perbankan.nasabah to sufyanhzz@localhost;
Query OK, 0 rows affected (0.022 sec)

MariaDB [mysql]> grant update on perbankan.nasabah to sufyanhzz@localhost;
Query OK, 0 rows affected (0.022 sec)

MariaDB [mysql]> grant delete on perbankan.nasabah to sufyanhzz@localhost;
Query OK, 0 rows affected (0.023 sec)

MariaDB [mysql]> grant select on perbankan.cabang_bank to sufyanhzz@localhost;
Query OK, 0 rows affected (0.064 sec)
```

### 3. Kasus

```
C:\xampp\mysql\bin>mysql -u sufyanhzz -p
Enter password: ****
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 55
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.
```

a,b,c

```
MariaDB [(none)]> select * from nasabah;
ERROR 1046 (3D000): No database selected
MariaDB [(none)]> use perbankan;
Database changed
MariaDB [perbankan]> select * from nasabah;
ERROR 1142 (42000): SELECT command denied to user 'sufyanhzz'@'localhost' for table 'nasabah'
MariaDB [perbankan]> insert into nasabah values ('31','Sujiarti','Jl.Laos');
Query OK, 1 row affected (0.072 sec)

MariaDB [perbankan]> insert into cabang_bank values ('BRUS','Bank Rut Unit Sragen','Jl.Laos');
ERROR 1142 (42000): INSERT command denied to user 'sufyanhzz'@'localhost' for table 'cabang_bank'
MariaDB [perbankan]>
```