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MODUL09

Tugas

1. Buatlah user baru sesuai pada nama Anda masing-masing.

```
Command Prompt - mysql -u synta -p
Microsoft Windows [Version 10.0.17134.706]
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C:\Users\ASUS-USER>cd\

C:\>cd C:/xampp/mysql/bin

C:\xampp\mysql\bin>mysql -u root
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 3
Server version: 10.1.38-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)]> create user 'synta'@'localhost' identified by '123';
Query OK, 0 rows affected (0.05 sec)

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

2. Beri privilege untuk user tersebut dengan ketentuan sebagai berikut ini:
 - a. Dapat melakukan INSERT, UPDATE, dan DELETE pada tabel nasabah.
 - b. Hanya dapat melakukan SELECT pada tabel cabang_bank

```
MariaDB [mysql]> grant update on perbankan.nasabah to synta@localhost;
Query OK, 0 rows affected (0.01 sec)

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

MariaDB [mysql]> grant select on perbankan.cabang_bank to synta@localhost;
Query OK, 0 rows affected (0.03 sec)

MariaDB [mysql]> exit;
Bye

C:\xampp\mysql\bin>mysql -u synta -p
Enter password: ***
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 4
Server version: 10.1.38-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.
```

3. Coba lakukan kasus berikut ini dengan login sebagai user yang dibuat
- Lakukan perintah SELECT pada tabel nasabah.
 - Lakukan perintah INSERT pada tabel nasabah.
 - Lakukan perintah INSERT pada tabel cabang_bank.

```
MariaDB [(none)]> use perbankan;
Database changed
MariaDB [perbankan]> insert into nasabah(id_nasabah, nama_nasabah, alamat_nasabah) values(20,'Synta', 'Boyolali');
Query OK, 1 row affected (0.19 sec)

MariaDB [perbankan]> update nasabah set alamat_nasabah='Jalan Jendral Sudirman No.12' where nama_nasabah='Sutopo';
ERROR 1143 (42000): SELECT command denied to user 'synta'@'localhost' for column 'nama_nasabah' in table 'nasabah'
MariaDB [perbankan]> insert into cabang_bank(kode_cabang, nama_cabang, alamat_cabang) values('BRUA','Bank Rut Unit Aceh', 'Jalan Merdeka');
ERROR 1142 (42000): INSERT command denied to user 'synta'@'localhost' for table 'cabang_bank'
MariaDB [perbankan]> select * from nasabah;
ERROR 1142 (42000): SELECT command denied to user 'synta'@'localhost' for table 'nasabah'
MariaDB [perbankan]>
```