

Praktikum Sistem Basis Data
Modul 9

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Praktikum

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

Langkah 5 sampai 7.

```
MariaDB [mysql]> CREATE User 'myuser'@'localhost' IDENTIFIED BY "myuser";  
Query OK, 0 rows affected (0.05 sec)  
  
MariaDB [mysql]> GRANT SELECT on perbankan.nasabah to myuser@localhost;  
Query OK, 0 rows affected (0.03 sec)  
  
MariaDB [mysql]> FLUSH PRIVILEGES;  
Query OK, 0 rows affected (0.00 sec)  
  
MariaDB [mysql]> GRANT SELECT on perbankan.cabang_bank to myuser@localhost;  
Query OK, 0 rows affected (0.07 sec)  
  
MariaDB [mysql]> FLUSH PRIVILEGES;  
Query OK, 0 rows affected (0.00 sec)  
  
MariaDB [mysql]> exit  
Bye
```

Langkah 8 dan 9.

```
C:\xampp\mysql\bin>mysql -u myuser -p  
Enter password: *****  
Welcome to the MariaDB monitor.  Commands end with ; or \g.  
Your MariaDB connection id is 30  
Server version: 10.1.36-MariaDB mariadb.org binary distribution  
  
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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.  
  
MariaDB [(none)]> use perbankan  
Database changed  
MariaDB [perbankan]>
```

Langkah 10 dan 11

```
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 1
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 (0.06 sec)
```

```
MariaDB [perbankan]> INSERT into nasabah VALUES("31","Susilo","Sukoharjo");
ERROR 1142 (42000): INSERT command denied to user 'myuser'@'localhost' for table 'nasabah'
MariaDB [perbankan]> exit
Bye
```

Langkah 12

```
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 31
Server version: 10.1.36-MariaDB mariadb.org binary distribution

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> REVOKE SELECT on perbankan.nasabah FROM myuser@localhost;
Query OK, 0 rows affected (0.08 sec)

MariaDB [(none)]> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.00 sec)

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

Langkah 13 sampai 15

```
C:\xampp\mysql\bin>mysql -u myuser -p
Enter password: *****
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 32
Server version: 10.1.36-MariaDB mariadb.org binary distribution

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

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. membuat user baru sesuai nama
2. memberikan hak akses ke user
 - a) dapat melakukan INSERT, UPDATE, DELETE pada table nasabah
 - b) hanya dapat melakukan SELECT pada table cabang_bank

```
MariaDB [mysql]> CREATE User 'Edi'@'localhost' IDENTIFIED BY
-> "Edi";
Query OK, 0 rows affected (0.170 sec)

MariaDB [mysql]> GRANT INSERT on perbankan.nasabah to Edi@localhost;
Query OK, 0 rows affected (0.089 sec)

MariaDB [mysql]> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.002 sec)

MariaDB [mysql]> GRANT UPDATE on perbankan.nasabah to Edi@localhost;
Query OK, 0 rows affected (0.036 sec)

MariaDB [mysql]> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.038 sec)

MariaDB [mysql]> GRANT DELETE on perbankan.nasabah to Edi@localhost;
Query OK, 0 rows affected (0.035 sec)

MariaDB [mysql]> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.001 sec)
```

```
MariaDB [mysql]> GRANT SELECT on perbankan.cabang_bank to Edi@localhost;
Query OK, 0 rows affected (0.014 sec)

MariaDB [mysql]> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.001 sec)
```

3. login user Edi

```
C:\xampp\mysql\bin>mysql -u Edi -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 1868
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.

MariaDB [(none)]> use perbankan
Database changed
MariaDB [perbankan]> SELECT * FROM nasabah;
```

- a) melakukan SELECT pada table nasabah
- b) melakukan INSERT pada table nasabah
- c) melakukan SELECT pada table cabang_bank

```
MariaDB [perbankan]> SELECT * FROM nasabah;
ERROR 1142 (42000): SELECT command denied to user 'Edi'@'localhost' for table 'nasabah'
MariaDB [perbankan]> INSERT INTO nasabah VALUES(22,"Edi S", "Karanganyar");
Query OK, 1 row affected (0.064 sec)

MariaDB [perbankan]> INSERT INTO cabang_bank VALUES("BC2","Bank Cabang mangga dua", "Surakarta");
ERROR 1142 (42000): INSERT command denied to user 'Edi'@'localhost' for table 'cabang_bank'
MariaDB [perbankan]>
```

4. analisa hasil percobaan

- SELECT pada tabel nasabah error karena pada tabel nasabah tidak membuat grant dengan hak akses select.
- INSERT pada tabel nasabah tidak error karena pada tabel nasabah telah membuat grant dengan hak akses insert.
- INSERT pada tabel cabang_bank tidak error karena pada cabang_bank telah membuat grant dengan hak akses insert.