Nama   : Auzan Danar K

NIM   : L200180005

Kelas   : A

LATIHAN

```
MariaDB [(none)]> use mysql
Database changed
MariaDB [mysql]> create user 'myuser'@'localhost' identified by 'myuser';
Query OK, 0 rows affected (0.15 sec)
```

```
MariaDB [mysql]> grant select on perbankan.nasabah to myuser@localhost;
Query OK, 0 rows affected (0.14 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 (0.05 sec)

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

MariaDB [mysql]> exit
Bye
```

```
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 7
Server version: 10.1.36-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]> 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 Prayoga | Jl.Kantil 30           |
|          6 | Satria Eka Jaya  | 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 (0.18 sec)
```

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

```
MariaDB [(none)]> revoke select on perbankan.nasabah from myuser@localhost;
Query OK, 0 rows affected (0.11 sec)

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

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

```
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 9
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'
MariaDB [perbankan]>
```

TUGAS

```
Command Prompt - mysql  -u Auzan -p                                                          ∨ ▯ 📶 🔊  11:32 PM

Microsoft Windows [Version 10.0.18362.900]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\Auzan>cd../..

C:\>cd 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)]> create user 'Auzan'@'localhost' identified by'Auzan';
Query OK, 0 rows affected (0.078 sec)

MariaDB [(none)]> grant insert on perbankan.nasabah to Auzan@localhost;
Query OK, 0 rows affected (0.090 sec)

MariaDB [(none)]> flush privilages;
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 'privilages' at
line 1
MariaDB [(none)]> flush privileges;
Query OK, 0 rows affected (0.001 sec)

MariaDB [(none)]> grant delete on perbankan.nasabah to Auzan@localhost;
Query OK, 0 rows affected (0.077 sec)

MariaDB [(none)]> flush privileges;
Query OK, 0 rows affected (0.001 sec)

MariaDB [(none)]> grant select on perbankan.cabang_bank to Auzan@localhost;
Query OK, 0 rows affected (0.216 sec)

MariaDB [(none)]> flush privileges;
Query OK, 0 rows affected (0.001 sec)
```

Analisa hasil percobaan tersebut

Grant memiliki fungsi untuk membuat user baru dan memberikan hak istimewa. Grant merupakan privilege untuk tabel. Dimana dalam percobaan ini apabila sebelum melakukan hak akses pada sebuah tabel maka harus membuat GRANT dengan privilege yang dibutuhkan terlebih dahulu. Apabila tidak membuat grant dengan privilege terlebih dahulu maka hasilnya akan eror. Revoke digunakan untuk menghapus batasan akses yang telah diatur menggunakan perintah GRANT.