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Kelas : Praktikum Sistem Basis Data H

MODUL 9

DATA CONTROL LANGUAGE

Praktikum

```
Command Prompt - mysql -u zizoubagus -p
MariaDB [perbankan]> use mysql
Database changed
MariaDB [mysql]> create user 'baguszizou'@'localhost' identified by '12345';
Query OK, 0 rows affected (0.068 sec)

MariaDB [mysql]> grant select on perbankan.nasabah to myuser;
Query OK, 0 rows affected (0.058 sec)

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

MariaDB [mysql]> grant select on perbankan.cabang_bank to myuser;
Query OK, 0 rows affected (0.034 sec)

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

MariaDB [mysql]> exit
Bye

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.
```

```

C:\> Command Prompt - mysql -u zizoubagus -p
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 Prayogo | Jl. Kantil 30 |
| 6 | Satria Eka Wijaya | Jl. Slamet Riyadi 45 |
| 8 | Sari Murti | Jl. Pangandaran 11 |
| 9 | Canka Lokananta | Jl. Tidar 86 |
| 10 | Budi Murtono | Jl. Merak 22 |
| 11 | Nizar Armando | Jl. Kapitan 23 |
| 12 | Mario Susanto | Jl. Tontowi 55 |
| 13 | Mila lia | Jl. Bypass 21 |
| 14 | Rifan Anwar | Jl. Pemuda 13 |
| 15 | Yeremia Ano | Jl. Pemuda 18 |
| 16 | Yolanda Mei | Jl. Manahan 56 |
| 17 | Ronald Weho | Jl. Letnan Amil 2 |
| 18 | Roban Aliman | Jl. Waman 43 |
| 19 | Sonnia Amalia | Jl. Remin 3 |
| 20 | Leonard | Jl. Jendral Suharto 5 |
+-----+-----+-----+
19 rows in set (0.000 sec)

```

```

C:\> Command Prompt - mysql -u zizoubagus -p
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

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.

MariaDB [(none)]> revoke select on perbankan.nasabah from myuser
-> ;
Query OK, 0 rows affected (0.032 sec)

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

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 11
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;
ERROR 1142 (42000): SELECT command denied to user 'myuser'@'localhost' for table 'nasabah'

```

Tugas

Nomor 1 dan 2

```
Command Prompt - mysql -u zizoubagus -p

MariaDB [(none)]> use mysql;
Database changed
MariaDB [mysql]> create user 'zizoubagus'@'localhost' identified by '11111';
Query OK, 0 rows affected (0.029 sec)

MariaDB [mysql]> grant insert on perbankan.nasabah to zizoubagus@localhost;
Query OK, 0 rows affected (0.028 sec)

MariaDB [mysql]> grant update on perbankan.nasabah to zizoubagus@localhost;
Query OK, 0 rows affected (0.071 sec)

MariaDB [mysql]> grant delete on perbankan.nasabah to zizoubagus@localhost;
Query OK, 0 rows affected (0.021 sec)

MariaDB [mysql]> grant select on perbankan.cabang_bank to zizoubagus@localhost;
Query OK, 0 rows affected (0.020 sec)

MariaDB [mysql]> exit
Bye
```

Nomor 3

```
Command Prompt - mysql -u zizoubagus -p

MariaDB [mysql]> exit
Bye

c:\xampp\mysql\bin>mysql -u zizoubagus -p
Enter password: *****
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 13
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
MariaDB [perbankan]> select*from nasabah;
ERROR 1142 (42000): SELECT command denied to user 'zizoubagus'@'localhost' for table 'nasabah'
MariaDB [perbankan]> insert into nasabah values('33','Fero', 'Juwiring');
Query OK, 1 row affected (0.072 sec)

MariaDB [perbankan]> insert into cabang_bank values ('BRUWY', 'Bank Rut Unit Wuryantoro', 'Jl. Raya Wonogiri-Pacitan KM 4');
ERROR 1142 (42000): INSERT command denied to user 'zizoubagus'@'localhost' for table 'cabang_bank'
MariaDB [perbankan]>
```

Nomor 4

1. Pada poin A nomor 3 tidak dapat melakukan perintah select pada tabel nasabah karena pada Langkah sebelumnya, pada tabel nasabah di dalam user zizoubagus tidak dapat akses untuk dapat melakukan perintah select sehingga output yang dihasilkan menjadi error.
2. Pada poin B nomor 3 dapat melakukan perintah insert pada tabel nasabah karena pada Langkah sebelumnya, pada tabel nasabah di dalam user zizoubagus sudah diberikan akses untuk dapat melakukan perintah insert sehingga output yang dihasilkan tidak bernilai error.
3. Pada poin C nomor 3 tidak dapat melakukan perintah insert pada tabel cabang_bank karena pada langkah sebelumnya, pada tabel nasabah di dalam user zizoubagus tidak dapat akses untuk dapat melakukan perintah insert dan hanya diberi hak akses untuk melakukan perintah select saja sehingga output yang dihasilkan menjadi error.