

LAPORAN PRAKTIKUM

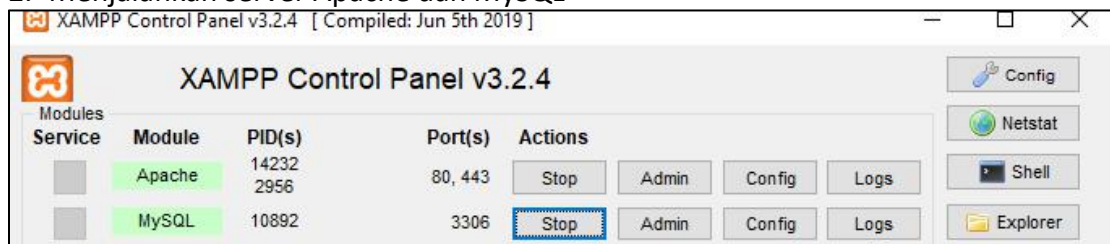
SISTEM BASIS DATA

MODUL 9. DATA CONTROL LANGUAGE

Nama : Hadid Aldio Indratama
NIM : L200160055
Kelas : A

D. Langkah-langkah Praktikum

1. Menjalankan XAMPP Control Panel
2. Menjalankan server Apache dan MySQL



3. Membuka Command Prompt dan login sebagai root ke MySQL

```
Microsoft Windows [Version 10.0.18363.720]
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C:\Users\Hadid Aldio I>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.
```

4. Memilih database perbankan

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

5. Memasukkan user baru: myuser

```
MariaDB [perbankan]> CREATE TABLE user(
-> user VARCHAR(50) NOT NULL,
-> password VARCHAR(50) NOT NULL
-> );
Query OK, 0 rows affected (0.034 sec)

MariaDB [perbankan]> INSERT INTO user(user, password) VALUES ('myuser','myuser');
Query OK, 1 row affected (0.054 sec)
```

6. Memberi hak akses

```
MariaDB [perbankan]> GRANT SELECT on perbankan.nasabah to myuser;
Query OK, 0 rows affected (0.002 sec)

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

MariaDB [perbankan]> GRANT SELECT on perbankan.cabang_bank to myuser;
Query OK, 0 rows affected (0.001 sec)

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

7. Logout dari root

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

8. 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 10
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.
```

9. Memilih database perbankan

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

10. Melakukan select pada tabel nasabah

```
MariaDB [perbankan]> SELECT * FROM nasabah;
+-----+-----+-----+
| id_nasabah | nama_nasabah | alamat_nasabah |
+-----+-----+-----+
| 1 | Sutopo | Jl.Jenderal 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 31 |
| 6 | Satria Eka Jaya | Jl.Slamet Riyadi 45 |
| 8 | Sari Murti | Jl.Pangandaran 11 |
| 9 | Canka Lokanata | Jl.Tidar 86 |
| 10 | Budi Murtono | Jl.Merak 22 |
+-----+-----+-----+
9 rows in set (0.010 sec)
```

Melakukan insert pada tabel nasabah

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

11. Logout dari myuser, kemudian login sebagai root

```
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 11
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.
```

12. Menghilangkan salah satu privilege

```
MariaDB [(none)]> REVOKE SELECT on perbankan.nasabah from myuser;
Query OK, 0 rows affected (0.001 sec)

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

13. Logout dari root, kemudian login sebagai 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 12
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.
```

14. Memilih database perbankan

```
MariaDB [(none)]> USE perbankan;
Database changed
```

15. Melakukan perintah SELECT pada tabel nasabah

```
MariaDB [perbankan]> SELECT * FROM nasabah;
ERROR 1142 (42000): SELECT command denied to user 'myuser'@'localhost' for table 'nasabah'
```