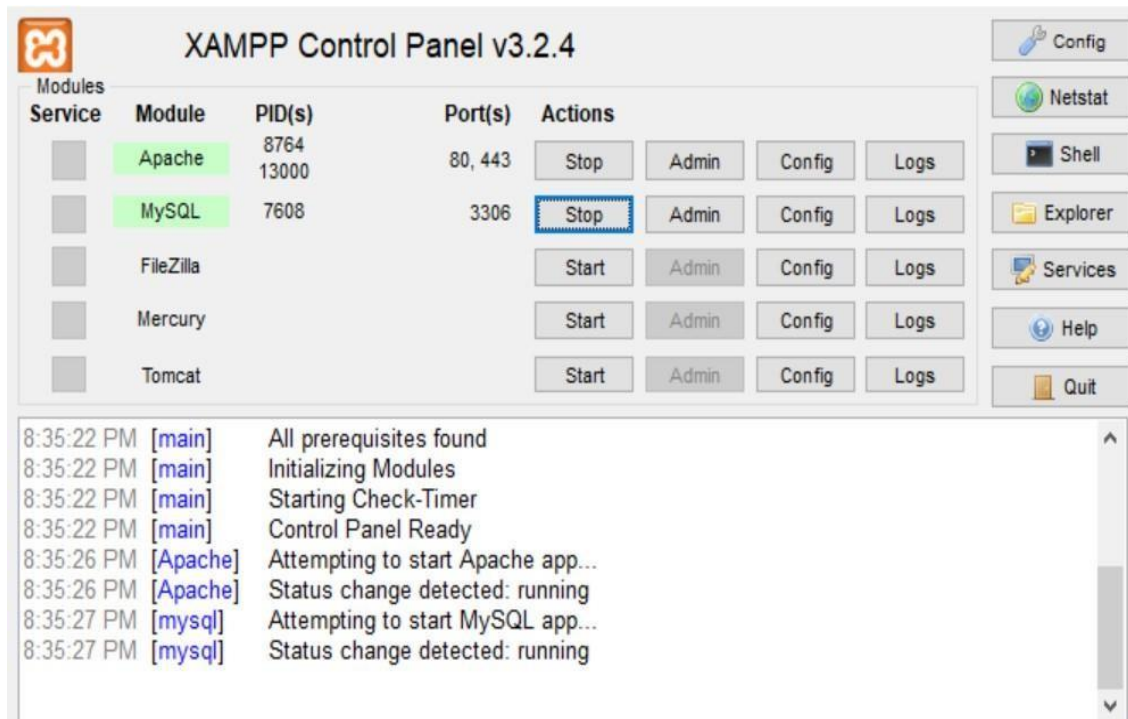Nama   : Chandika Aulia
NIM   : L200180097
Kelas   : D

MODUL 9

Latihan

- Jalankan XAMPP, lalu jalankan server Apache dan MySQL

- Buka command prompt dan login sebagai root ke mysql.

```
c:\xampp\mysql\bin>mysql -u root -bin
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 86
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.
```

- Pilih database mysql dengan perintah "use mysql".

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

- Memasukkan user baru (disini saya memberi nama "myAm") ke tabel user.

```
MariaDB [mysql]> CREATE USER 'myAm'@'%' IDENTIFIED BY 'myAm';
Query OK, 0 rows affected (0.026 sec)
```

- Memberikan hak akses kepada user "myAm".

```
MariaDB [mysql]> GRANT SELECT on perbankan.cabang_bank to myAm;
Query OK, 0 rows affected (0.025 sec)

MariaDB [mysql]> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.000 sec)

MariaDB [mysql]> GRANT SELECT on perbankan.nasabah to myAm;
Query OK, 0 rows affected (0.004 sec)

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

- Keluar sebagai user root.

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

- Login lagi sebagai "myAm".

```
c:\xampp\mysql\bin>mysql -u myAm -p
Enter password: ****
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 220
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.
```

- Mengubah database yang digunakan ke database perbankan.

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

- Mencoba melakukan select pada tabel nasabah.

```
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 Jaya   | Jl.Slamet Riyadi 45  |
|          8 | Sari Murti        | Jl.Pangandaran 11    |
|          9 | Canka Lokananta   | Jl.Tidar 86          |
|         10 | Budi Murtono      | Jl.Merak 22          |
|         11 | Akhsanul          | Jl.Kenangan 19       |
|         12 | Amron             | Jl.Tanjung 3         |
|         13 | Mahendra          | Jl.Anyar 12          |
|         14 | Djum              | Jl.Layang 17         |
|         15 | Kuntet            | Jl.panjang 45        |
|         16 | Kirun             | Jl.panjang 23        |
|         17 | Cahyono           | Jl.Anyar 7           |
|         18 | Purwo             | Jl.Lari 30           |
|         19 | Sasuke            | Jl.Santai 22         |
|         20 | Naruto            | Jl.Cepat 11          |
+------------+-------------------+----------------------+
19 rows in set (0.001 sec)
```

- Selanjutnya mencoba melakukan insert pada tabel nasabah.

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

- Mengetikkan perintah "exit". Kemudian login lagi 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 234
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 mysql;
Database changed
```

- Kemudian menghilangkan salah satu privilege untuk user myuser.

```
MariaDB [mysql]> REVOKE SELECT on perbankan.nasabah from myAm;
Query OK, 0 rows affected (0.001 sec)

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

- Kemudian exit dan kembali login sebagai user "myAm"

```
MariaDB [mysql]> exit;
Bye

c:\xampp\mysql\bin>mysql -u myAm -p
Enter password: ****
ERROR 1045 (28000): Access denied for user 'myAm'@'localhost' (using password: YES)

c:\xampp\mysql\bin>mysql -u myAm -p
Enter password: ****
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 254
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.
```

- Gunakan database perbankan.

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

- Mencoba kembali menggunakan perintah SELECT pada tabel nasabah.

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