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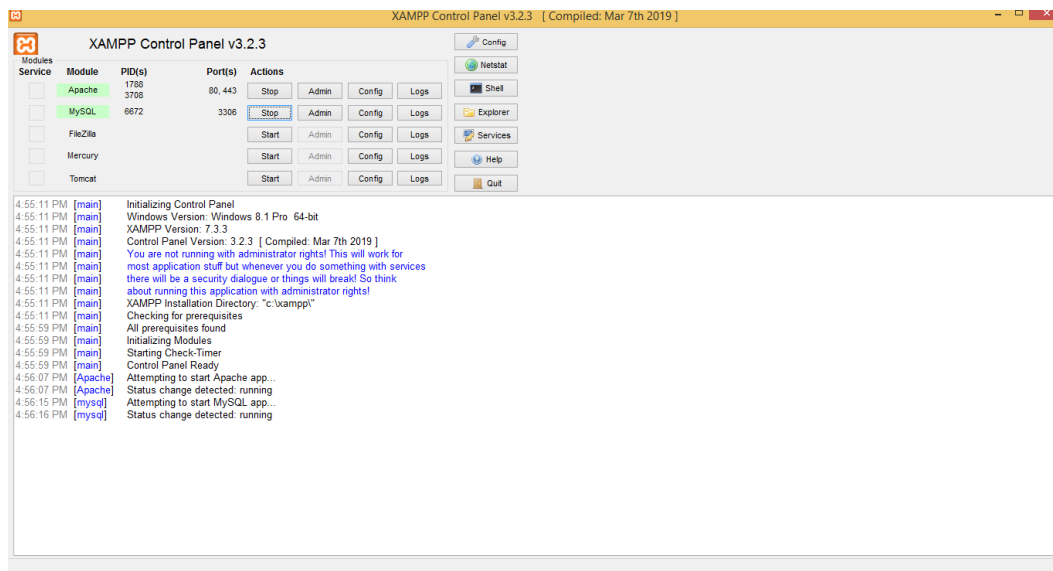
PRAKTIKUM SISTEM BASIS DATA

MODUL 6

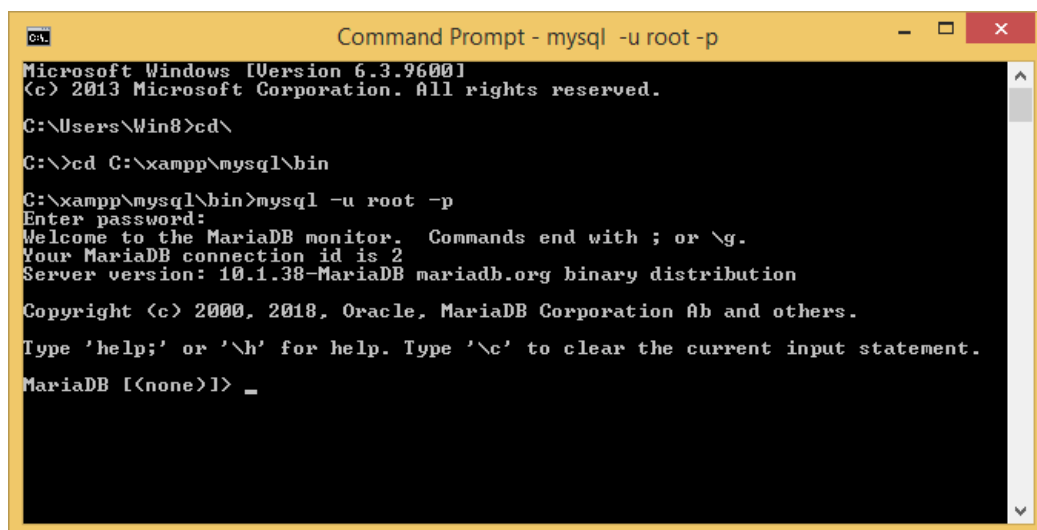
QUERY STANDART DAN VARIASINYA

Langkah – Langkah Praktikum

1. Jalankan XAMPP Control Panel kemudian jalankan server Apache dan MySQL



2. Membuka command prompt dan login sebagai root ke MySQL



3. Memilih database perbankan dengan perintah “use perbankan”. Sehingga akan muncul pemberitahuan “database changed”

```
Command Prompt - mysql -u root -p

Your MariaDB connection id is 2
Server version: 10.1.38-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)]> show databases;
+-----+
| Database |
+-----+
| information_schema |
| kuliah |
| mysql |
| perbankan |
| performance_schema |
| phpmyadmin |
| supermarket |
| test |
+-----+
8 rows in set (0.17 sec)

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

4. Menampilkan nama bank dan alamat bank untuk semua cabang bank dan diurutkan berdasarkan nama bank dengan kode berikut:

SELECT nama_cabang, alamat_cabang FROM cabang_bank ORDER BY nama_cabang;

```
Command Prompt - mysql -u root -p

Database changed
MariaDB [perbankan]> SELECT nama_cabang, alamat_cabang FROM cabang_bank ORDER BY
nama_cabang;
+-----+-----+
| nama_cabang | alamat_cabang |
+-----+-----+
| Bank Rut Unit Bandung | Bandung, Jawa Barat |
| Bank Rut Unit Boyolali | Jl. Ahmad Yani 45 |
| Bank Rut Unit Cilacap | Cilacap, Jawa Tengah |
| Bank Rut Unit Jakarta | DKI Jakarta |
| Bank Rut Unit Karanganyar | Karanganyar, Jawa Tengah |
| Bank Rut Unit Klaten | Jl. Suparman 23 |
| Bank Rut Unit Kudus | Kudus, Jawa Tengah |
| Bank Rut Unit Magetan | Magetan, Jawa Timur |
| Bank Rut Unit Ngawi | Ngawi, Jawa Timur |
| Bank Rut Unit Riau | Riau |
| Bank Rut Unit Semarang | Semarang, Jawa Tengah |
| Bank Rut Unit Sragen | Sragen, Jawa Tengah |
| Bank Rut Unit Surakarta | Jl. Slamet Riyadi 18 |
| Bank Rut Unit Wonogiri | Jalan A. Yani No. 23 |
| Bank Rut Unit Yogyakarta | Jl. Anggrek 21 |
+-----+-----+
15 rows in set (0.42 sec)

MariaDB [perbankan]> _
```

5. Menampilkan nomor rekening, pin, dan jumlah saldo untuk semua rekening dan diurutkan berdasarkan jumlah saldo dari yang paling besar ke yang paling kecil dengan kode berikut:

SELECT no_rekening, pin, saldo FROM rekening ORDER BY saldo DESC;

```
Command Prompt - mysql -u root -p

15 rows in set (0.42 sec)

MariaDB [perbankan]> SELECT no_rekening, pin, saldo FROM rekening ORDER BY saldo
DESC;
+-----+-----+-----+
| no_rekening | pin  | saldo |
+-----+-----+-----+
| 123         | 1011 | 14000000 |
| 122         | 1010 | 13000000 |
| 121         | 8484 | 12000000 |
| 120         | 8080 | 11000000 |
| 119         | 7979 | 10000000 |
| 118         | 7878 | 9000000  |
| 117         | 7474 | 8000000  |
| 116         | 6565 | 7000000  |
| 115         | 6363 | 6000000  |
| 108         | 0    | 5000000  |
| 114         | 5858 | 5000000  |
| 106         | 6666 | 3000000  |
| 105         | 5555 | 2000000  |
| 107         | 7777 | 1000000  |
| 104         | 4444 | 900000   |
| 103         | 3333 | 750000   |
| 110         | 1234 | 550000   |
| 101         | 1111 | 500000   |
| 102         | 2222 | 350000   |
| 112         | 123  | 300000   |
| 113         | 8888 | 255000   |
| 111         | 4321 | 150000   |
| 109         | 9999 | 0         |
+-----+-----+-----+

23 rows in set (0.08 sec)

MariaDB [perbankan]>
```