LAPORAN PRAKTIKUM 8
SISTEM BASIS DATA

Disusun Oleh :

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PROGRAM STUDI SISTEM INFORMASI

FAKULTAS SAINS DAN TEKNOLOGI TERAPAN

UNIVERSITAS AHMAD DAHLAN

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1. Cek IP pada komputer sendiri dan komputer partner praktikum, IP Komputer saya adalah
   192.168.100.80 dan IP Komputer partner praktikum saya adalah 192.168.100.72 :

```
Lenovo Ideapad@AlienzWindows  >  ~  >  ipconfig

Windows IP Configuration


Wireless LAN adapter Local Area Connection* 3:

   Media State . . . . . . . . . . . : Media disconnected
   Connection-specific DNS Suffix  . :

Wireless LAN adapter Local Area Connection* 4:

   Media State . . . . . . . . . . . : Media disconnected
   Connection-specific DNS Suffix  . :

Wireless LAN adapter Wi-Fi:

   Connection-specific DNS Suffix  . :
   IPv6 Address. . . . . . . . . . . : 2001:448a:4046:74fe:1e19:2292:cc78:c7d4
   Temporary IPv6 Address. . . . . . : 2001:448a:4046:74fe:584c:2b5d:ed31:6a8c
   Link-local IPv6 Address . . . . . : fe80::6350:6d6f:de60:bcea%16
   IPv4 Address. . . . . . . . . . . : 192.168.100.80
   Subnet Mask . . . . . . . . . . . : 255.255.255.0
   Default Gateway . . . . . . . . . : fe80::1%16
                                       192.168.100.1
Lenovo Ideapad@AlienzWindows  >  ~  > |
```

2. Jangan lupa hidupkan mysql, pada localhost login menggunakan root dan buat user baru untuk host
   192.168.100.72 dengan nama user nim partner pasangan (2200016030) :

```
MariaDB [(none)]> create user '2200016030'@'192.168.100.72' identified by 'kerfin';
Query OK, 0 rows affected (0.002 sec)

MariaDB [(none)]> grant all privileges on *.* to '2200016030
'@'192.168.100.72';
Query OK, 0 rows affected (0.002 sec)

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

3. Masih pada user root, buat database ali2215016135 dan buat tabel mahasiswa yang berisi nama taufan ali dan nim 2215016135 :

```
MariaDB [(none)]> create database ali2215016135;
Query OK, 1 row affected (0.001 sec)

MariaDB [ali2215016135]> create table mahasiswa(nama varchar(30), nim varchar(10) primary key);
Query OK, 0 rows affected (0.011 sec)

MariaDB [ali2215016135]> insert into mahasiswa values('Taufan Ali', '2215016135');
Query OK, 1 row affected (0.003 sec)

MariaDB [ali2215016135]> select * from mahasiswa;
+------------+------------+
| nama       | nim        |
+------------+------------+
| Taufan Ali | 2215016135 |
+------------+------------+
1 row in set (0.000 sec)
```
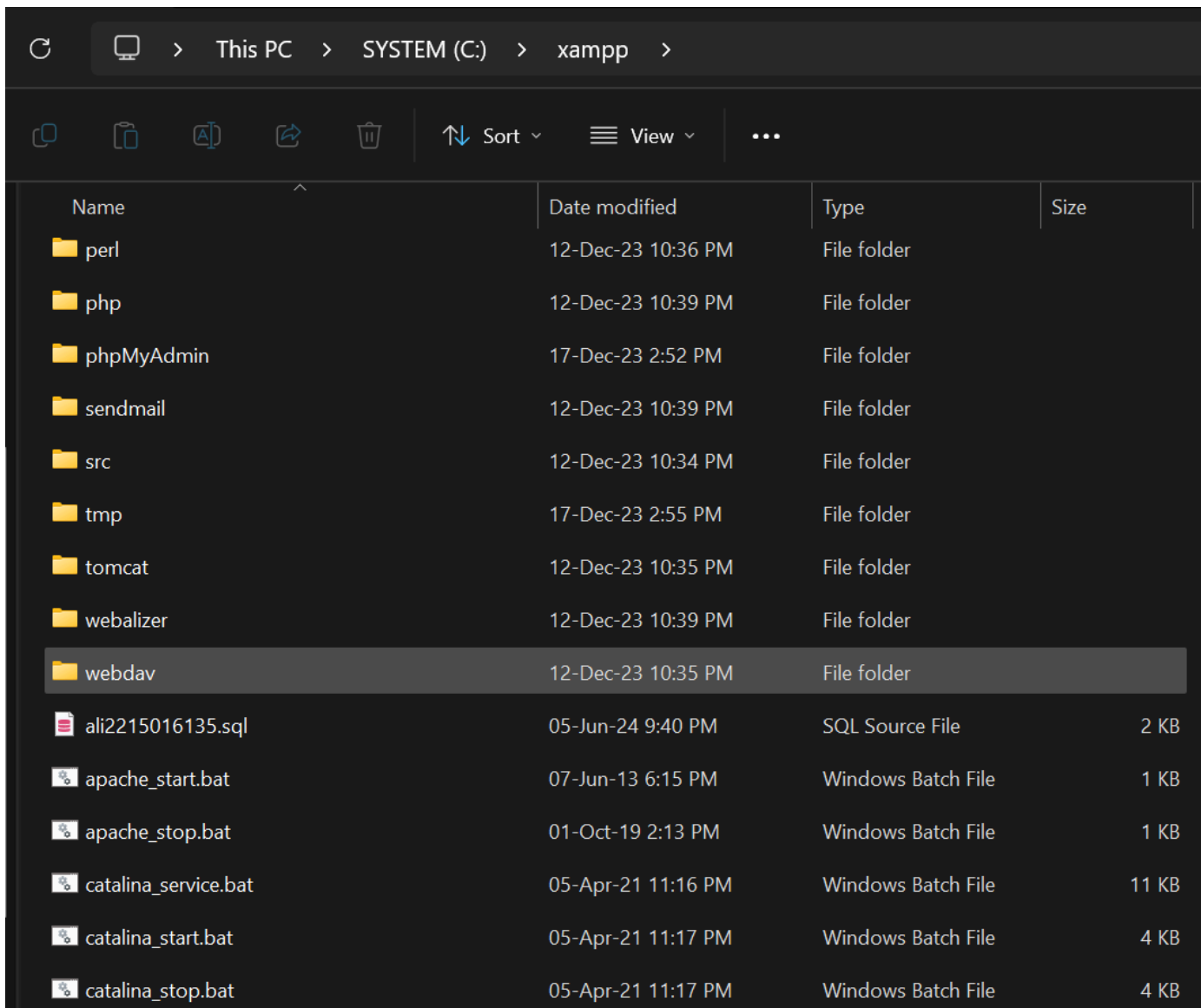
4. Exit dari user root, backup database yang baru saja dibuat :

```
Lenovo Ideapad@ALIENZWINDOWS c:\xampp
# mysqldump -u root ali2215016135 > ali2215016135.sql
```

Name	Date modified	Type	Size
perl	12-Dec-23 10:36 PM	File folder	
php	12-Dec-23 10:39 PM	File folder	
phpMyAdmin	17-Dec-23 2:52 PM	File folder	
sendmail	12-Dec-23 10:39 PM	File folder	
src	12-Dec-23 10:34 PM	File folder	
tmp	17-Dec-23 2:55 PM	File folder	
tomcat	12-Dec-23 10:35 PM	File folder	
webalizer	12-Dec-23 10:39 PM	File folder	
webdav	12-Dec-23 10:35 PM	File folder	
ali2215016135.sql	05-Jun-24 9:40 PM	SQL Source File	2 KB
apache_start.bat	07-Jun-13 6:15 PM	Windows Batch File	1 KB
apache_stop.bat	01-Oct-19 2:13 PM	Windows Batch File	1 KB
catalina_service.bat	05-Apr-21 11:16 PM	Windows Batch File	11 KB
catalina_start.bat	05-Apr-21 11:17 PM	Windows Batch File	4 KB
catalina_stop.bat	05-Apr-21 11:17 PM	Windows Batch File	4 KB

5. Restore database yang baru saja kita buat ke dalam database pasangan praktikum :

```
Lenovo Ideapad@ALIENZWINDOWS c:\xampp
# mysql -h 192.168.100.72 -u 2215016135 -p kerfin2200016030 < ali2215016135.sql
Enter password: ***********
```

6. Cek dengan login pada mysql pasangan kita :

```
# mysql -h 192.168.100.72 -u 2215016135 -p
Enter password: ***********
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 21
Server version: 10.4.32-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           |
+--------------------+
| 2200016030_kerfin_d |
| 2200016030_prak6   |
| 2200016030_praksbd |
| 2200016030_praktikum 4 |
| 2200016030_sbd     |
| ali2215016135      |
| dreamhome2200016030 |
| information_schema |
| kerfin2200016030   |
| mysql              |
| performance_schema |
| phpmyadmin         |
| test               |
+--------------------+
13 rows in set (0.125 sec)

MariaDB [(none)]> select * kerfin2200016030;
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 'kerfin2200016030' at line 1
MariaDB [(none)]> select * from kerfin2200016030;
ERROR 1046 (3D000): No database selected
MariaDB [(none)]> use kerfin2200016030;
Database changed
MariaDB [kerfin2200016030]> select * from mahasiswa;
+-----------+------------+
| nama      | nim        |
+-----------+------------+
| Taufan Ali | 2215016135 |
+-----------+------------+
1 row in set (0.084 sec)

MariaDB [kerfin2200016030]>
```