

# Praktikum Basis Data

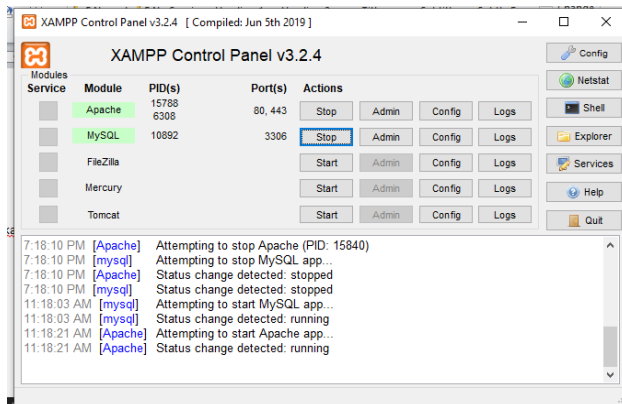
## Modul 1

Nama : Edi Supriyanto

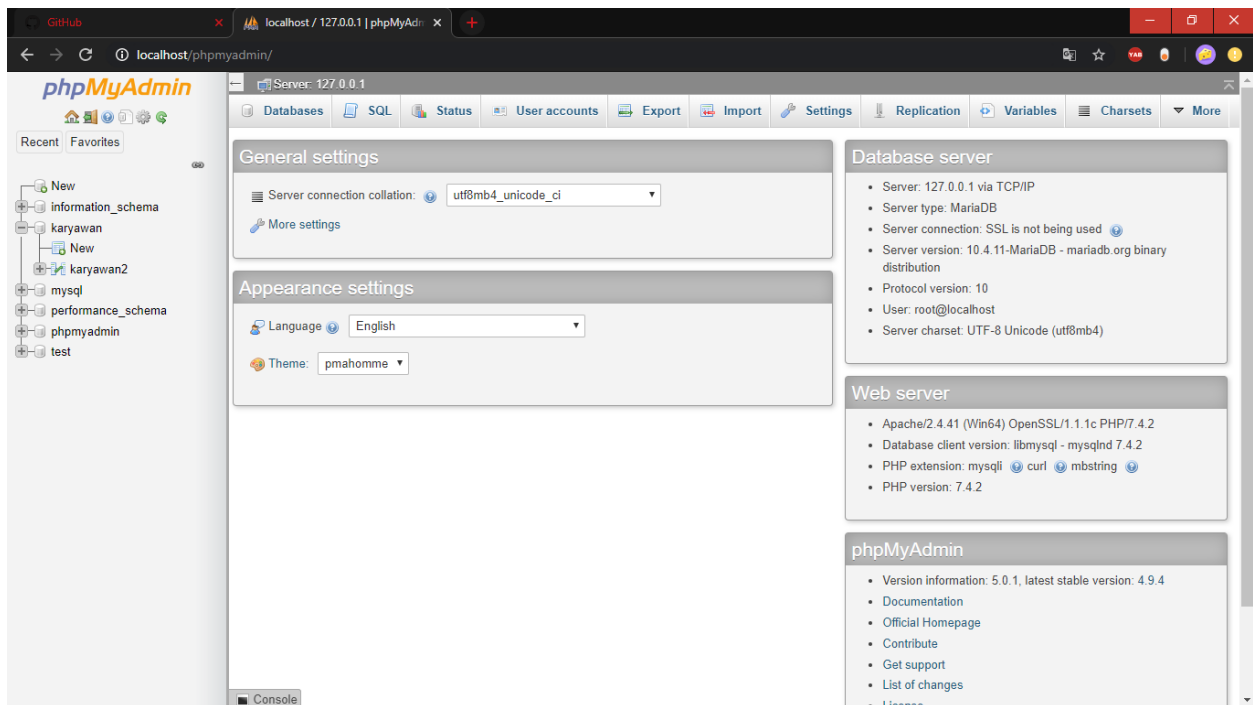
NIM : L200180002

### Membuka MySQL dari Windows

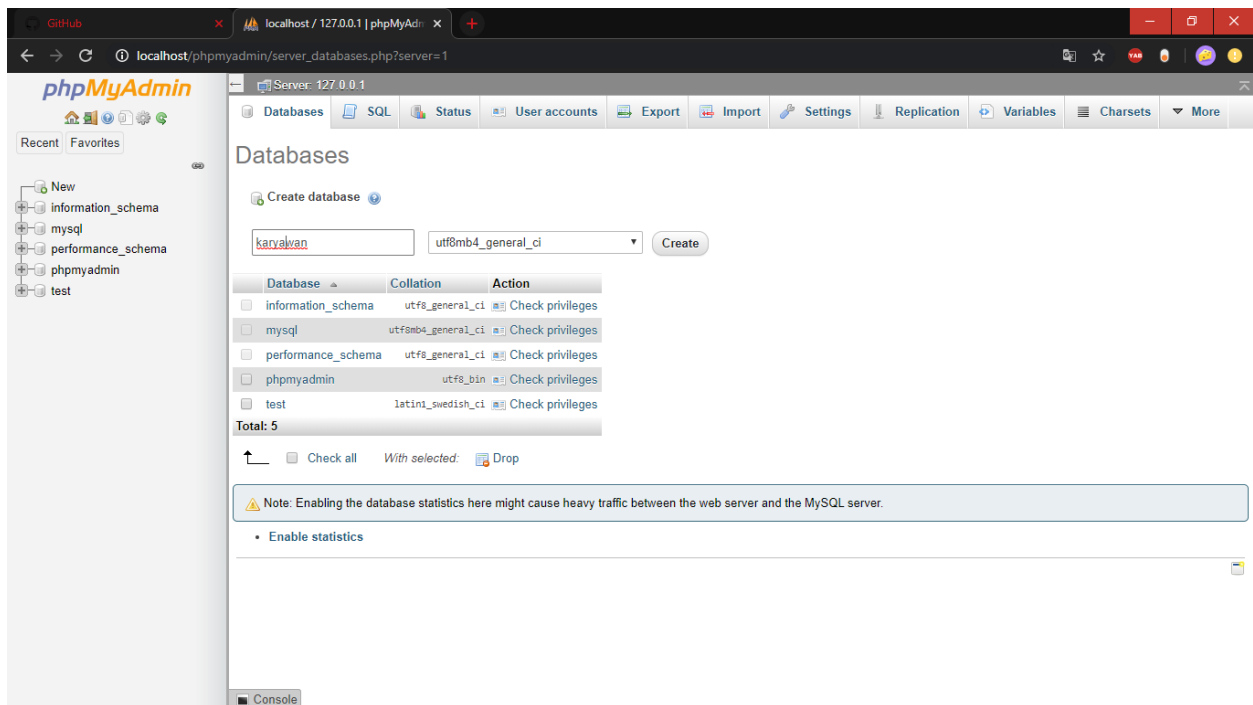
Aktifkan Apache dan MySQL di Aplikasi XAMPP



Buka “localhost/phpmyadmin” pada browser



## Membuat database



The screenshot shows the phpMyAdmin interface for a MySQL server at localhost/127.0.0.1. The 'Databases' tab is selected. In the 'Create database' section, the database name is 'karyawan' and the collation is 'utf8mb4\_general\_ci'. Below this, a table lists existing databases:

Database	Collation	Action
<input type="checkbox"/> information_schema	utf8_general_ci	<a href="#">Check privileges</a>
<input type="checkbox"/> mysql	utf8mb4_general_ci	<a href="#">Check privileges</a>
<input type="checkbox"/> performance_schema	utf8_general_ci	<a href="#">Check privileges</a>
<input type="checkbox"/> phpmyadmin	utf8_bin	<a href="#">Check privileges</a>
<input type="checkbox"/> test	latin1_swedish_ci	<a href="#">Check privileges</a>

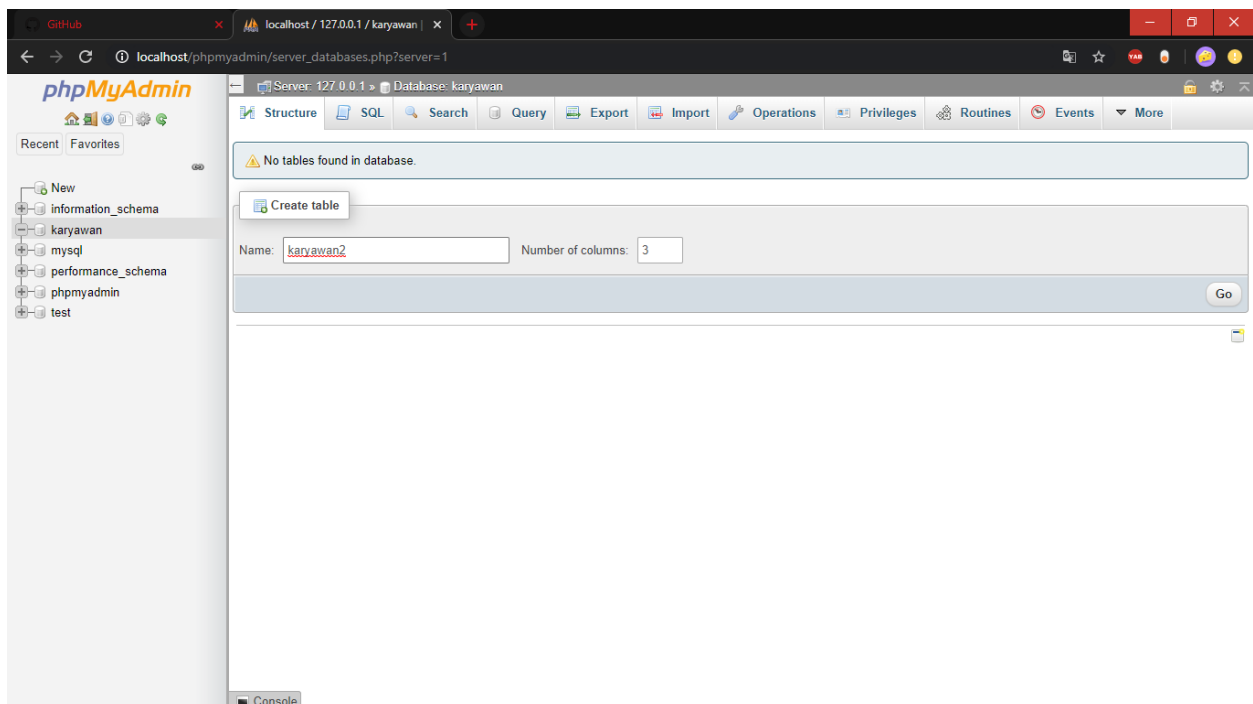
Total: 5

Buttons: [Check all](#), [With selected:](#) [Drop](#)

Note: Enabling the database statistics here might cause heavy traffic between the web server and the MySQL server.

- [Enable statistics](#)

## Membuat table



The screenshot shows the phpMyAdmin interface for the 'karyawan' database. The 'Structure' tab is selected. A message states: 'No tables found in database.' Below this, the 'Create table' form is visible. The 'Name' field contains 'karyawan2' and the 'Number of columns' field contains '3'. A 'Go' button is at the bottom right of the form.

localhost / 127.0.0.1 / karyawan / X

localhost/phpmyadmin/server\_databases.php?server=1

phpMyAdmin

Recent Favorites

- New
- information\_schema
- karyawan
- mysql
- performance\_schema
- phpmyadmin
- test

Server: 127.0.0.1 > Database: karyawan > Table: karyawan2

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Table name: karyawan2 Add 1 column(s) Go

Name	Type	Length/Values	Default	Collation	Attributes	Null	Index
Nama	VARCHAR	25	None			<input type="checkbox"/>	---
NIP	INT	10	None			<input type="checkbox"/>	---
Alamat	VARCHAR	50	None			<input type="checkbox"/>	---

Structure

Table comments: Collation: Storage Engine: InnoDB

PARTITION definition:

Partition by: ( Expression or column list )

Partitions:

Preview SQL Save

Console

Menambahkan data pada table

localhost / 127.0.0.1 / karyawan / X

localhost/phpmyadmin/tbl\_change.php?db=karyawan&table=karyawan2

phpMyAdmin

Recent Favorites

- New
- information\_schema
- karyawan
- New
- karyawan2
- mysql
- performance\_schema
- phpmyadmin
- test

Server: 127.0.0.1 > Database: karyawan > Table: karyawan2

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Column	Type	Function	Null	Value
Nama	varchar(25)			Edi Supriyanto
NIP	int(10)			1200180002
Alamat	varchar(50)			Karanganyad

Go

☒ Ignore

Column	Type	Function	Null	Value
Nama	varchar(25)			
NIP	int(10)			
Alamat	varchar(50)			

Go

Insert as new row and then Go back to previous page

Preview SQL Reset Go

Continue insertion with 2 rows

Console

## Hasil

The screenshot shows the phpMyAdmin web interface. The browser address bar indicates the URL is `localhost/phpmyadmin/sql.php?db=karyawan&table=karyawan2&pos=0`. The interface is for a MySQL server at `localhost:127.0.0.1` with the database `karyawan` and table `karyawan2`.

A warning message at the top states: "Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available."

The main content area shows the results of a query: "Showing rows 0 - 1 (2 total, Query took 0.0012 seconds.)". The SQL query displayed is `SELECT * FROM `karyawan2``. Below the query, there are options to "Show all", "Number of rows: 25", and a "Filter rows" search box.

The query results are displayed in a table with the following data:

Nama	NIP	Alamat
Edi Supriyanto	1200180002	Karanganyar
Edi Santoso	1200180003	karangpandan

Below the table, there are "Query results operations" including "Print", "Copy to clipboard", "Export", "Display chart", and "Create view". There is also a "Bookmark this SQL query" section with a "Label" input field and a checkbox "Let every user access this bookmark".

## Membuka MySQL dari Command prompt

```
C:\Windows\system32\cmd.exe - mysql -u root -p

C:\>cd C:\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 96
Server version: 10.1.37-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)]>
MariaDB [(none)]> create databse karyawan2
->
->
-> Bye
Ctrl-C -- exit!

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 97
Server version: 10.1.37-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)]> create databse karyawan2;
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 'dat
abse karyawan2' at line 1
MariaDB [(none)]>
MariaDB [(none)]> create database karyawan2;
Query OK, 1 row affected (0.00 sec)

MariaDB [(none)]> use karyawan2;
Database changed
MariaDB [karyawan2]> drop database karyawan2;
Query OK, 0 rows affected (0.00 sec)

MariaDB [(none)]> show databases;
+-----+
| Database |
+-----+
| information_schema |
| karyawan |
| mysql |
| perbankan |
| performance_schema |
| perkuliahan |
| phpmyadmin |
| test |
+-----+
8 rows in set (0.00 sec)
```