

Nama : kevin hansa wardhana

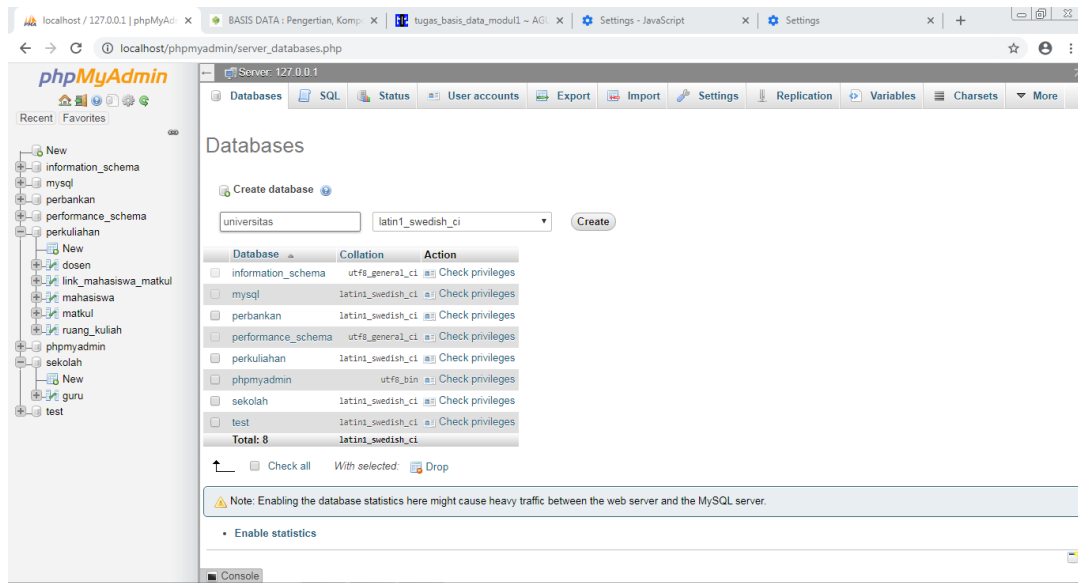
NIM : L200180004

Kelas : A

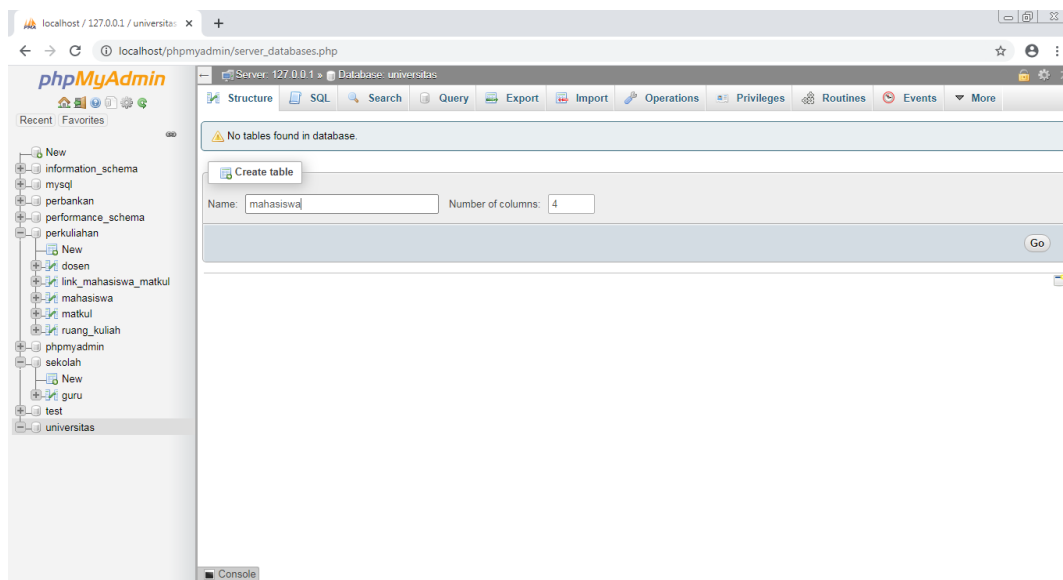
## PRAKTIKUM SISTEM BASIS DATA

### MODUL 1

#### 1. Membuat database baru di mysql



#### 2. Membuat field baru



### 3.membuat isi field

The screenshot shows the 'Structure' tab in phpMyAdmin for the 'mahasiswa' table. The table has 4 columns: 'nim' (VARCHAR(50), PRIMARY), 'nama' (VARCHAR(50)), 'alamat' (VARCHAR(50)), and 'jenis\_kelamin' (ENUM('laki', 'perempuan')). The 'Storage Engine' is InnoDB. The 'PARTITION definition' section is empty.

Name	Type	Length/Values	Default	Collation	Attributes	Null	Index
nim	VARCHAR	50	None				PRIMARY
nama	VARCHAR	50	None				
alamat	VARCHAR	50	None				
jenis_kelamin	ENUM	'laki', 'perempuan'	None				

The screenshot shows the 'Table structure' tab in phpMyAdmin for the 'mahasiswa' table. The table structure is displayed as a table with columns: #, Name, Type, Collation, Attributes, Null, Default, Comments, Extra, and Action. The 'Indexes' section shows a PRIMARY index on the 'nim' column. The 'Partitions' section indicates 'No partitioning defined!'.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	nim	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
2	nama	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
3	alamat	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
4	jenis_kelamin	enum('laki', 'perempuan')	latin1_swedish_ci		No	None			Change Drop More

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY		BTREE	Yes	No	nim	0	A	No	

### 3. Mengisi data

The screenshot shows the phpMyAdmin interface at localhost/127.0.0.1/universitas. The 'tbl\_change.php' page is open for the 'mahasiswa' table in the 'universitas' database. The interface includes a sidebar with a database tree and a main area with tabs for 'Browse', 'Structure', 'SQL', 'Search', 'Insert', 'Export', 'Import', 'Privileges', 'Operations', 'Tracking', and 'Triggers'. The 'Insert' tab is active, showing a form to insert a new row. The form has fields for 'nim' (varchar(50)), 'nama' (varchar(50)), 'alamat' (varchar(50)), and 'jenis\_kelamin' (enum). The values entered are 'L200180004', 'kevin hansa wardhana', 'sukoharjo', and 'laki'. There is a 'Go' button at the bottom right of the form. Below the form, there are options to 'Insert as new row' and 'Go back to previous page', along with 'Go', 'Preview SQL', and 'Reset' buttons.

The screenshot shows the phpMyAdmin interface at localhost/127.0.0.1/universitas. The 'sql.php' page is open for the 'mahasiswa' table in the 'universitas' database. The interface includes a sidebar with a database tree and a main area with tabs for 'Browse', 'Structure', 'SQL', 'Search', 'Insert', 'Export', 'Import', 'Privileges', 'Operations', 'Tracking', and 'Triggers'. The 'SQL' tab is active, showing the query results for the query 'SELECT \* FROM `mahasiswa`'. The results show one row with the following data: 'nim' (L200180004), 'nama' (kevin hansa wardhana), 'alamat' (sukoharjo), and 'jenis\_kelamin' (laki). The interface includes a 'Query results operations' section with buttons for 'Print', 'Copy to clipboard', 'Export', 'Display chart', and 'Create view'. There is also a 'Bookmark this SQL query' section with a 'Label' field and a 'Let every user access this bookmark' checkbox.

## 2. membuat database di command prompt

```
C:\Windows\system32\cmd.exe - mysql -u root -p
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\LABSI-08>cd\
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 1479
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 database karyawan;
Query OK, 1 row affected (0.00 sec)

MariaDB [(none)]> use karyawan;
Database changed
MariaDB [karyawan]> drop karyawan;
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 'kar
'
MariaDB [karyawan]> drop database karyawan;
Query OK, 0 rows affected (0.02 sec)

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

MariaDB [(none)]>
```