

Laporan Hasil Kegiatan

Modul 4

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Moduler Cuatro laa Primera

➤ Percobaan 1

Hasil SS-an

The screenshot shows the MySQL Workbench interface. The top bar indicates the server is '127.0.0.1'. The 'SQL' tab is active, showing a query: `1 CREATE DATABASE Infomatika;`. Below the query, the 'Databases' tab is visible, showing a list of databases and their collations.

Run SQL query/queries on server "127.0.0.1":

```
1 CREATE DATABASE Infomatika;
```

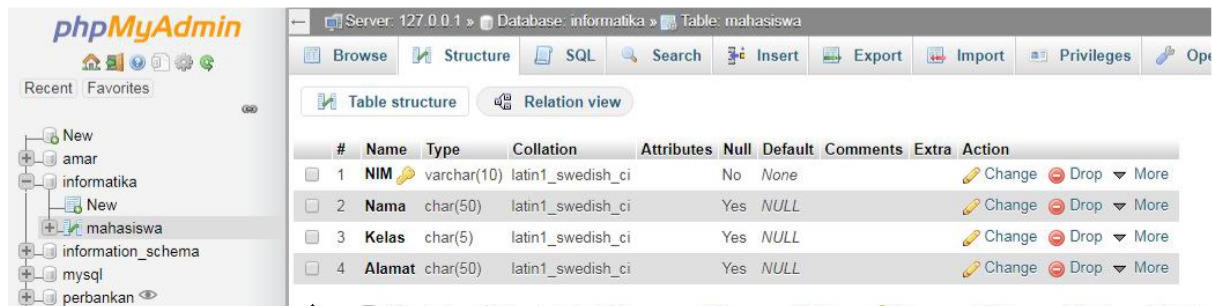
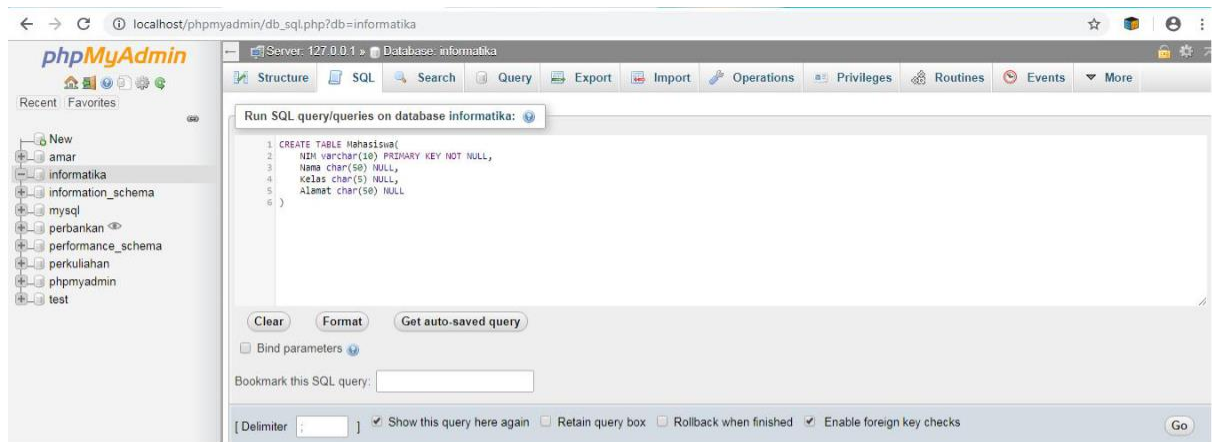
Create database

Database name: latin1_swedish_ci

Database	Collation	Action
<input type="checkbox"/> amar	latin1_swedish_ci	Check privileges
<input type="checkbox"/> informatika	latin1_swedish_ci	Check privileges
<input type="checkbox"/> information_schema	utf8_general_ci	Check privileges
<input type="checkbox"/> mysql	latin1_swedish_ci	Check privileges
<input type="checkbox"/> perbankan	latin1_swedish_ci	Check privileges
<input type="checkbox"/> performance_schema	utf8_general_ci	Check privileges
<input type="checkbox"/> perkuliahan	latin1_swedish_ci	Check privileges
<input type="checkbox"/> phpmyadmin	utf8_bin	Check privileges
<input type="checkbox"/> test	latin1_swedish_ci	Check privileges
Total: 9	latin1_swedish_ci	

Check all With selected: Drop

➤ Percobaan 2 Hasil SS-an



➤ Percobaan 3 Hasil SS-an



✓ Showing rows 0 - 1 (2 total, Query took 0.0020 seconds.)

```
SELECT * FROM `mahasiswa`
```

☐ Show all | Number of rows: 25 ▼ Filter rows: Sor

+ Options

		NIM	Nama	Kelas	Alamat
<input type="checkbox"/>	Edit Copy Delete	118	SARTIKA	E	NULL
<input type="checkbox"/>	Edit Copy Delete	L200170118	SARTIKA RIZKY M	E	SOLO

☐ Check all
 With selected: Edit Copy Delete Export

➤ Percobaan 4

Hasil SS-an

Run SQL query/queries on table informatika.mahasiswa:

```
1 UPDATE `mahasiswa` SET `Nama`='RIRIS' WHERE Nama='SARTIKA'
```

✓ 1 row affected. (Query took 0.0840 seconds.)

```
UPDATE `mahasiswa` SET `Nama`='RIRIS' WHERE Nama='SARTIKA'
```

✓ Showing rows 0 - 1 (2 total, Query took 0.0020 seconds.)

```
SELECT * FROM `mahasiswa`
```

☐ Show all | Number of rows: 25 ▼ Filter rows:

+ Options

		NIM	Nama	Kelas	Alamat
<input type="checkbox"/>	Edit Copy Delete	118	RIRIS	E	NULL
<input type="checkbox"/>	Edit Copy Delete	L200170118	SARTIKA RIZKY M	E	SOLO

☐ Check all
 With selected: Edit Copy Delete Export

☐ Show all | Number of rows: 25 ▼ Filter rows:

➤ Percobaan 5 - Join

Hasil SS-an

Run SQL query/queries on table informatika.mahasiswa: ?

```

1 CREATE TABLE Nilai(
2     NIM varchar(10) PRIMARY KEY NOT NULL,
3     Nama_MK varchar(25) NULL,
4     Nilai_Angka integer NULL,
5     Nilai_Huruf char(10) NULL
6 )

```

Run SQL query/queries on table informatika.nilai: ?

```

1 INSERT INTO `nilai` VALUES
2     ('L200080002', 'Kapita_Selekta', 60, 'BC'),
3     ('L200080010', 'Pemrograman Web', 87, 'A'),
4     ('L200080080', 'Pemrograman Web', 90, 'A');

```

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by

+ Options

	NIM	Nama_MK	Nilai_Angka	Nilai_Huruf
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	L200080002	Kapita_Selekta	60	BC
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	L200080010	Pemrograman Web	87	A
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	L200080080	Pemrograman Web	90	A

☐ Check all | With selected: ☐ Edit ☐ Copy ☐ Delete ☐ Export

➤ Percobaan 5 - Join

Hasil SS-an

Run SQL query/queries on table informatika.nilai: ?

```

1 SELECT mahasiswa.NIM, mahasiswa>Nama, nilai>Nama_MK, nilai.Nilai_Angka, nilai.Nilai_Huruf FROM (mahasiswa JOIN nilai ON
mahasiswa.NIM=nilai.NIM)

```

Columns

- NIM
- Nama_MK
- Nilai_Angka
- Nilai_Huruf

☐ Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

NIM	Nama	Nama_MK	Nilai_Angka	Nilai_Angka	Nilai_Huruf
L200080080	Agustina Anggraini	Pemrograman Web	90	90	A

➤ Percobaan 6 – Left Join

Hasil SS-an

```
SELECT mahasiswa.NIM, mahasiswa>Nama, nilai>Nama_MK, nilai.Nilai_Angka, nilai.Nilai_Huruf from (mahasiswa left JOIN nilai ON mahasiswa.NIM=nilai.NIM)
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

NIM	Nama	Nama_MK	Nilai_Angka	Nilai_Huruf
L200080001	Ari Wibowo	NULL	NULL	NULL
L200080080	Agustina Anggraini	Pemrogramman Web	90	A

➤ Percobaan 7 – Right Join

Hasil SS-an

```
SELECT mahasiswa.NIM, mahasiswa>Nama, nilai>Nama_MK, nilai.Nilai_Angka, nilai.Nilai_Huruf from (mahasiswa right JOIN nilai ON mahasiswa.NIM=nilai.NIM)
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [C]

☐ Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

NIM	Nama	Nama_MK	Nilai_Angka	Nilai_Huruf
NULL	NULL	NULL	NULL	NULL
NULL	NULL	Kapita Selekt	60	BC
NULL	NULL	Pemrogramman Web	87	A
L200080080	Agustina Anggraini	Pemrogramman Web	90	A

➤ Percobaan 8 – AVG Free

Hasil SS-an

```
SELECT AVG(nilai_Angka) 'Rata-rata Nilai' from Nilai
```

☐ Show all | Number of rows: 25 | Filter ro

+ Options

Rata-rata Nilai
79.0000

➤ Percobaan 9 – SUM
Hasil SS-an

✓ Showing rows 0 - 0 (1 total, Query took 0.0066 seconds.)

```
SELECT SUM(Nilai_Angka) 'Total Nilai' FROM Nilai
```

☐ Show all | Number of rows: 25 | Filter rows: Search

+ Options

Total Nilai
237

➤ Percobaan 10 – VIEW
Hasil SS-an

	NIM	Nama_MK	Nilai_Angka	Nilai_Huruf
<input type="checkbox"/> Edit Copy Delete	L200080080	Pemrogramman Web	90	A