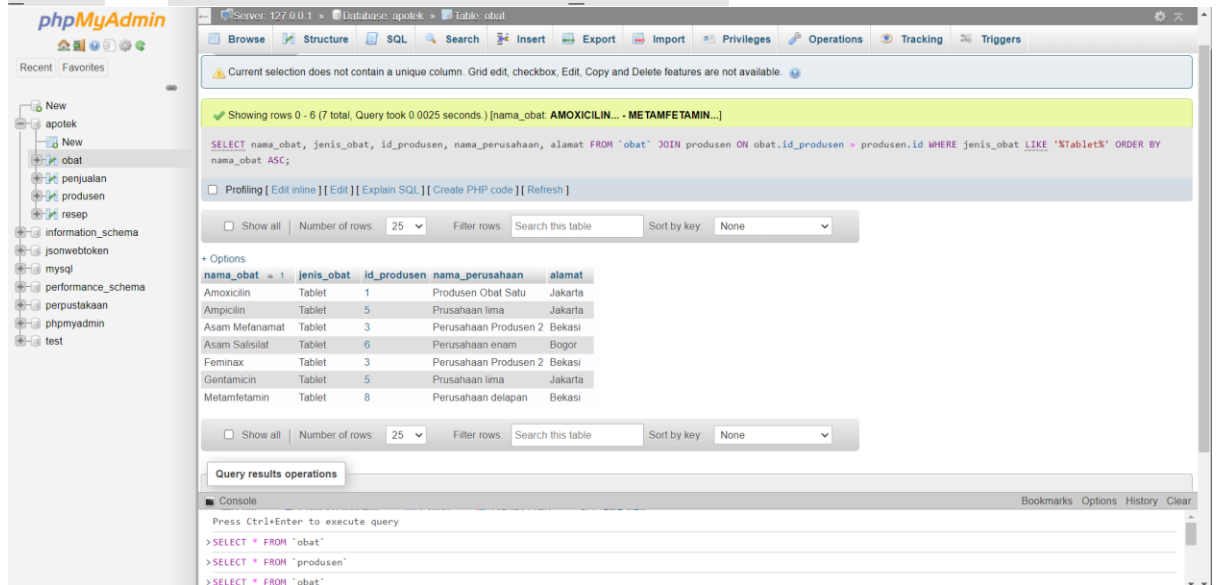


## Tugas Query JOIN, LEFT JOIN & RIGHT JOIN

Dede Arfiansyah

1. `SELECT nama_obat, jenis_obat, id_produken, nama_perusahaan, alamat FROM `obat` JOIN produsen ON obat.id_produken = produsen.id WHERE jenis_obat LIKE '%Tablet%' ORDER BY nama_obat ASC;`

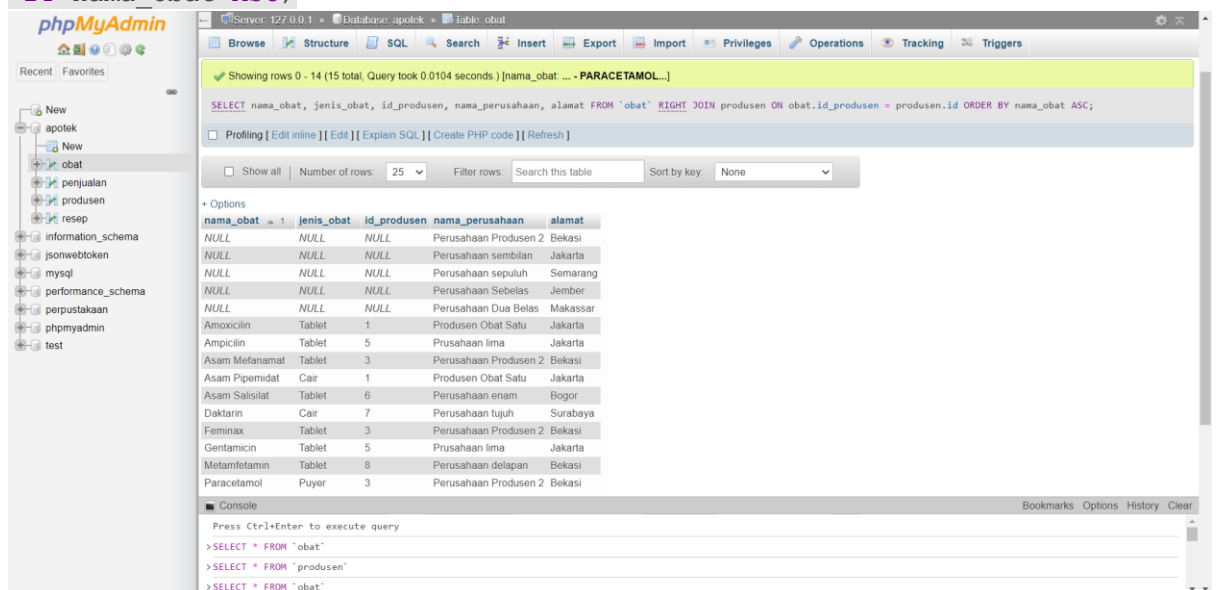


Showing rows 0 - 6 (7 total. Query took 0.0025 seconds) [nama\_obat: AMOXICILIN... - METAMFETAMIN...]

```
SELECT nama_obat, jenis_obat, id_produken, nama_perusahaan, alamat FROM `obat` JOIN produsen ON obat.id_produken = produsen.id WHERE jenis_obat LIKE '%Tablet%' ORDER BY nama_obat ASC;
```

nama_obat	jenis_obat	id_produken	nama_perusahaan	alamat
Amoxicilin	Tablet	1	Produsen Obat Satu	Jakarta
Ampicilin	Tablet	5	Prusahaan lima	Jakarta
Asam Mefanamat	Tablet	3	Perusahaan Produsen 2	Bekasi
Asam Salsilat	Tablet	6	Perusahaan enam	Bogor
Feminax	Tablet	3	Perusahaan Produsen 2	Bekasi
Gentamicin	Tablet	5	Prusahaan lima	Jakarta
Metamfetamin	Tablet	8	Perusahaan delapan	Bekasi

2. `SELECT nama_obat, jenis_obat, id_produken, nama_perusahaan, alamat FROM `obat` RIGHT JOIN produsen ON obat.id_produken = produsen.id ORDER BY nama_obat ASC;`



Showing rows 0 - 14 (15 total. Query took 0.0104 seconds) [nama\_obat: ... - PARACETAMOL...]

```
SELECT nama_obat, jenis_obat, id_produken, nama_perusahaan, alamat FROM `obat` RIGHT JOIN produsen ON obat.id_produken = produsen.id ORDER BY nama_obat ASC;
```

nama_obat	jenis_obat	id_produken	nama_perusahaan	alamat
NULL	NULL	NULL	Perusahaan Produsen 2	Bekasi
NULL	NULL	NULL	Perusahaan sembilan	Jakarta
NULL	NULL	NULL	Perusahaan sepuluh	Semarang
NULL	NULL	NULL	Perusahaan Sebelas	Jember
NULL	NULL	NULL	Perusahaan Dua Belas	Makassar
Amoxicilin	Tablet	1	Produsen Obat Satu	Jakarta
Ampicilin	Tablet	5	Prusahaan lima	Jakarta
Asam Mefanamat	Tablet	3	Perusahaan Produsen 2	Bekasi
Asam Pipemidat	Cair	1	Produsen Obat Satu	Jakarta
Asam Salsilat	Tablet	6	Perusahaan enam	Bogor
Doktrin	Cair	7	Perusahaan tujuh	Surabaya
Feminax	Tablet	3	Perusahaan Produsen 2	Bekasi
Gentamicin	Tablet	5	Prusahaan lima	Jakarta
Metamfetamin	Tablet	8	Perusahaan delapan	Bekasi
Paracetamol	Puyer	3	Perusahaan Produsen 2	Bekasi

3. `SELECT tgl_resep, nama_obat, dosis, dokter_name, pasien_name FROM `resep` LEFT JOIN obat ON resep.id_obat = obat.id WHERE dokter_name LIKE '%test%' ORDER BY pasien_name DESC;`

phpMyAdmin

Server: 127.0.0.1 \* Database: apolek \* Table: reseps

Showing rows 0 - 6 (7 total, Query took 0.0054 seconds) [pasien\_name PASIEN TEST 9... - PASIEN TEST...]

```
SELECT tgl_resep, nama_obat, dosis, dokter_name, pasien_name FROM `reseps` LEFT JOIN obat ON reseps.id_obat = obat.id WHERE dokter_name LIKE 'Test%' ORDER BY pasien_name DESC;
```

Options

tgl_resep	nama_obat	dosis	dokter_name	pasien_name
2022-08-09	Feminax	500mg	Dr. Test 7	Pasien Test 9
2022-05-09	Daktarin	300mg	Dr. Test 6	Pasien Test 8
2022-08-11	Paracetamol	250mg	Dr. Test 5	Pasien Test 7
2022-04-10	Metamfetamin	250mg	Dr. Test 4	Pasien Test 6
2022-04-11	Asam Pipemidat	500mg	Dr. Test 2	Pasien Test 3
2022-08-10	Asam Salisilat	250mg	Dr. Test 2	Pasien Test 2
2022-08-09	Amoxicilin	500mg	Dr. Test	Pasien Test

Query results operations

Print Copy to clipboard Export Display chart Create view

Console

```
Press Ctrl+Enter to execute query
> SELECT * FROM `obat`
> SELECT * FROM `produsen`
> SELECT * FROM `obat`
```

4. `SELECT nama_obat, jenis_obat, stock, id_produsen, nama_perusahaan, alamat FROM `obat` RIGHT JOIN produsen ON obat.id_produsen = produsen.id WHERE stock > 4000 ORDER BY nama_obat ASC;`

phpMyAdmin

Server: 127.0.0.1 \* Database: apolek \* Table: obat

Showing rows 0 - 3 (4 total, Query took 0.0019 seconds) [nama\_obat AMPICILIN... - PARACETAMOL...]

```
SELECT nama_obat, jenis_obat, stock, id_produsen, nama_perusahaan, alamat FROM `obat` RIGHT JOIN produsen ON obat.id_produsen = produsen.id WHERE stock > 4000 ORDER BY nama_obat ASC;
```

Options

nama_obat	jenis_obat	stock	id_produsen	nama_perusahaan	alamat
Ampicilin	Tablet	5000	5	Prusahaan lima	Jakarta
Asam Salisilat	Tablet	4500	6	Perusahaan enam	Bogor
Feminax	Tablet	5000	3	Perusahaan Produsen 2	Bekasi
Paracetamol	Puyer	5000	3	Perusahaan Produsen 2	Bekasi

Query results operations

Print Copy to clipboard Export Display chart Create view

Bookmark this SQL query

Console

```
Press Ctrl+Enter to execute query
> SELECT * FROM `obat`
> SELECT * FROM `produsen`
> SELECT * FROM `obat`
```

5. `SELECT tgl_jual, harga, dokter_name FROM `penjualan` JOIN reseps ON penjualan.id_resep = reseps.id WHERE harga > 10000 ORDER BY tgl_jual ASC;`

phpMyAdmin

Server: 127.0.0.1 • Database: apotek • Table: penjualan

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 8 (9 total, Query took 0.0017 seconds.) [tgl\_jual: 2022-02-05 18:53:21... - 2022-08-10 18:53:21...]

`SELECT tgl_jual, harga, dokter_name FROM `penjualan` JOIN resep ON penjualan.id_resep = resep.id WHERE harga > 10000 ORDER BY tgl_jual ASC;`

☐ Profiling [\[ Edit inline \]](#) [\[ Edit \]](#) [\[ Explain SQL \]](#) [\[ Create PHP code \]](#) [\[ Refresh \]](#)

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

tgl_jual	harga	dokter_name
2022-02-05 18:53:21	25000	Dr. Test 6
2022-03-12 19:53:21	30000	Dr. Coba 3
2022-06-21 17:53:21	13000	Dr. Coba 2
2022-07-01 18:09:21	100000	Dr. Coba
2022-07-10 18:53:21	150000	Dr. Test 2
2022-08-01 22:53:21	230000	Dr. Test 5
2022-08-08 18:53:21	20000	Dr. Test
2022-08-08 18:53:21	350000	Dr. Test 4
2022-08-10 18:53:21	12000	Dr. Test 2

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Console

Press Ctrl+Enter to execute query

```
> SELECT * FROM `obat`  
> SELECT * FROM `produsen`  
> SELECT * FROM `obat`
```