

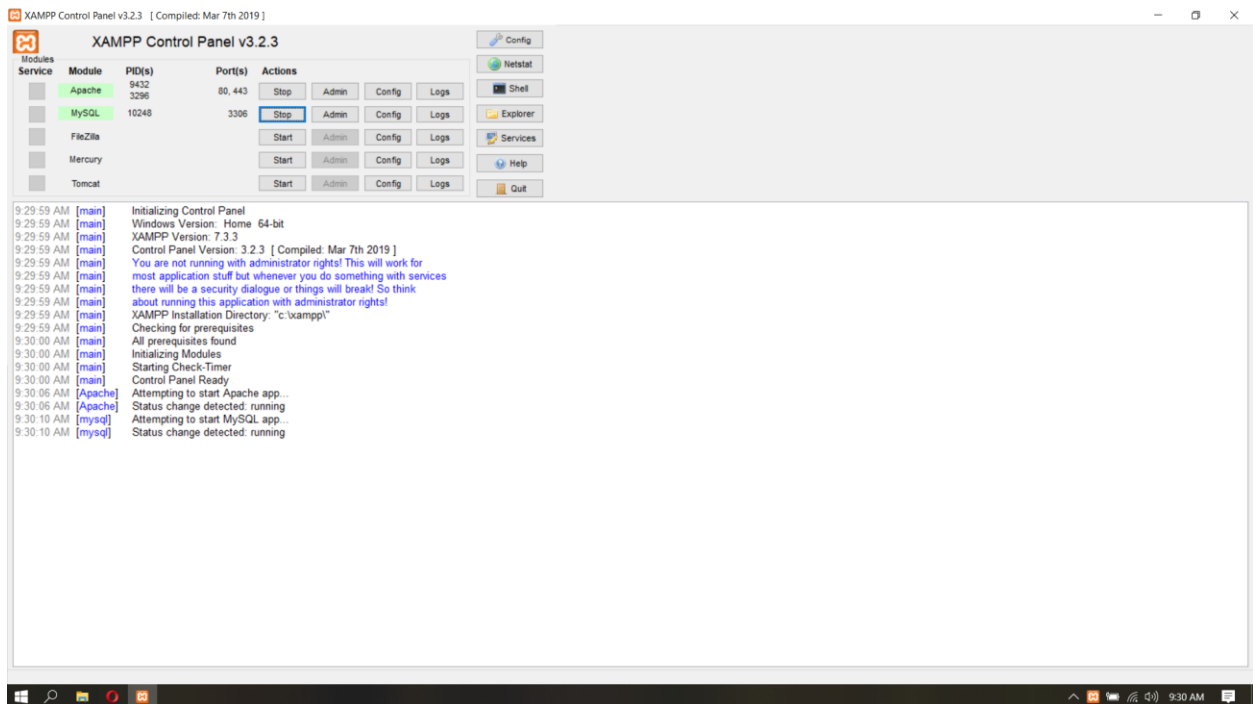
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Kelas : B

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Modul-5

## KEGIATAN



Memasukkan data-data ke table nasabah

Showing rows 0 - 9 (10 total, Query took 0.0008 seconds.)

	id_nasabah	nama_nasabah	alamat_nasabah
<input type="checkbox"/>	1	sutopo	Jl. jendral sudirman 12
<input type="checkbox"/>	2	maryati	Jl. MT. Haryono 31
<input type="checkbox"/>	3	suparman	Jl. hasanudin 81
<input type="checkbox"/>	4	kartika padmasari	Jl. manggis 1
<input type="checkbox"/>	5	budi eko prayogo	Jl. kantil 30
<input type="checkbox"/>	6	satria eka jaya	Jl. slamet riyadi 45
<input type="checkbox"/>	7	indri hapsari	Jl. sutoyo 5
<input type="checkbox"/>	8	sari murti	Jl. pangandaran 11
<input type="checkbox"/>	9	canka lokananta	Jl. tidar 86
<input type="checkbox"/>	10	budi murtono	Jl. merak 22

```

C:\Users>cd...
C:\>cd 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 28
Server version: 10.1.38-MariaDB maria.org binary distribution

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> use perbankan
Database changed
MariaDB [perbankan]> INSERT INTO nasabah VALUES(01,"sutopo","Jl. jendral sudirman 12"),
-> (02,"maryati","Jl. MT. Haryono 31"),
-> (03,"suparman","Jl. hasanudin 81"),
-> (04,"kartika padmasari","Jl. manggis 1"),
-> (05,"budi eko prayogo","Jl. kantil 30"),
-> (06,"satria eka jaya","Jl. slamet riyadi 45"),
-> (07,"indri hapsari","Jl. sutoyo 5"),
-> (08,"sari murti","Jl. pangandaran 11"),
-> (09,"canka lokananta","Jl. tidar 86"),
-> (10,"budi murtono","Jl. merak 22");
Query OK, 10 rows affected (0.00 sec)
Records: 10 Duplicates: 0 Warnings: 0

MariaDB [perbankan]>
Sort by: None

```

Memasukkan data data ke table cabang\_bank

Showing rows 0 - 5 (6 total, Query took 0.0007 seconds.)

	kode_cabang	nama_bank	alamat_bank
<input type="checkbox"/>	BRUB	Bank Rut Unit Boyolali	Jl. ahmad yani 45
<input type="checkbox"/>	BRUK	Bank Rut Unit Klaten	Jl. suparman 23
<input type="checkbox"/>	BRUM	Bank Rut Unit Magelang	Jl. P. Tendea 63
<input type="checkbox"/>	BRUS	bank rut unit surakarta	Jl. slamet riyadi 18
<input type="checkbox"/>	BRUW	Bank Rut Unit Wonogiri	Jl. untung suropati 12
<input type="checkbox"/>	BRUY	Bank Rut Unit Yogyakarta	Jl. angrek 21

```

C:\Users>cd...
C:\>cd 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 28
Server version: 10.1.38-MariaDB maria.org binary distribution

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> use perbankan
Database changed
MariaDB [perbankan]> INSERT INTO nasabah VALUES(01,"sutopo","Jl. jendral sudirman 12"),
-> (02,"maryati","Jl. MT. Haryono 31"),
-> (03,"suparman","Jl. hasanudin 81"),
-> (04,"kartika padmasari","Jl. manggis 1"),
-> (05,"budi eko prayogo","Jl. kantil 30"),
-> (06,"satria eka jaya","Jl. slamet riyadi 45"),
-> (07,"indri hapsari","Jl. sutoyo 5"),
-> (08,"sari murti","Jl. pangandaran 11"),
-> (09,"canka lokananta","Jl. tidar 86"),
-> (10,"budi murtono","Jl. merak 22");
Query OK, 10 rows affected (0.00 sec)
Records: 10 Duplicates: 0 Warnings: 0

MariaDB [perbankan]> INSERT INTO cabang_bank VALUES("BRUB","bank rut unit surakarta",
Jl. slamet riyadi 18"),
-> ("BRUM","Bank Rut Unit Magelang", "Jl. P. Tendea 63"),
-> ("BRUB","Bank Rut Unit Boyolali", "Jl. ahmad yani 45"),
-> ("BRUK","Bank Rut Unit Klaten", "Jl. suparman 23"),
-> ("BRUY","Bank Rut Unit Yogyakarta", "Jl. angrek 21"),
-> ("BRUM","Bank Rut Unit Wonogiri", "Jl. untung suropati 12");
Query OK, 6 rows affected (0.00 sec)
Records: 6 Duplicates: 0 Warnings: 0

MariaDB [perbankan]>

```

Memasukkan data data ke table rekening

The screenshot shows the phpMyAdmin interface with the 'rekening' table selected. The table has columns: no\_rekening, kode\_cabangFK, pin, and saldo. The data is as follows:

no_rekening	kode_cabangFK	pin	saldo
101	BRUS	1111	500000
102	BRUS	2222	350000
103	BRUS	3333	750000
104	BRUM	4444	900000
105	BRU	5555	200000
106	BRUS	6666	300000
107	BRUS	7777	100000
108	BRUB	0000	500000
109	BRUB	9999	0
110	BRUY	1234	550000
111	BRUK	4321	150000
112	BRUK	0123	300000
113	BRUY	8888	255000

The terminal window shows the following SQL commands and results:

```

Query OK, 10 rows affected (0.00 sec)
Records: 10 Duplicates: 0 Warnings: 0

MariaDB [perbankan]> INSERT INTO cabang_bank VALUES("BRUS","bank rut unit surakarta",
1. slamet riyadi 18");
-> ("BRUY","Bank Rut Unit Magelang", "Jl. P. Tondan 63"),
-> ("BRUB","Bank Rut Unit Boyolali", "Jl. ahmad yani 45"),
-> ("BRUK","Bank Rut Unit Klaten", "Jl. suparman 23"),
-> ("BRUY","Bank Rut Unit Yogyakarta", "Jl. angrek 21"),
-> ("BRUM","Bank Rut Unit Monogiri", "Jl. untung surapati 12");
Query OK, 6 rows affected (0.00 sec)
Records: 6 Duplicates: 0 Warnings: 0

MariaDB [perbankan]> INSERT INTO rekening VALUES(101, "BRUS", "1111", 500000),
-> (102, "BRUS", "2222", 350000),
-> (103, "BRUS", "3333", 750000),
-> (104, "BRUM", "4444", 900000),
-> (105, "BRU", "5555", 200000),
-> (106, "BRUS", "6666", 300000),
-> (107, "BRUS", "7777", 100000),
-> (108, "BRUB", "0000", 500000),
-> (109, "BRUB", "9999", 0),
-> (110, "BRUY", "1234", 550000),
-> (111, "BRUK", "4321", 150000),
-> (112, "BRUK", "0123", 300000),
-> (113, "BRUY", "8888", 255000);
Query OK, 13 rows affected (0.00 sec)
Records: 13 Duplicates: 0 Warnings: 0

```

Memasukkan data data ke dalam table nasabah\_has\_rekening

The screenshot shows the phpMyAdmin interface with the 'nasabah\_has\_rekening' table selected. The table has columns: id\_nasabahFK and no\_rekeningFK. The data is as follows:

id_nasabahFK	no_rekeningFK
1	104
2	103
3	105
3	106
4	101
4	107
5	102
5	107
6	109
7	109
8	111
8	112
9	110
10	108
10	113

The terminal window shows the following SQL commands and results:

```

-> (106, "BRUS", "6666", 300000),
-> (107, "BRUS", "7777", 100000),
-> (108, "BRUB", "0000", 500000),
-> (109, "BRUB", "9999", 0),
-> (110, "BRUY", "1234", 550000),
-> (111, "BRUK", "4321", 150000),
-> (112, "BRUK", "0123", 300000),
-> (113, "BRUY", "8888", 255000);
Query OK, 13 rows affected (0.00 sec)
Records: 13 Duplicates: 0 Warnings: 0

MariaDB [perbankan]> INSERT INTO nasabah_has_rekening VALUES(1, 104),
-> (2, 103),
-> (3, 106),
-> (4, 101),
-> (4, 107),
-> (5, 102),
-> (5, 107),
-> (6, 109),
-> (7, 109),
-> (8, 111),
-> (8, 112),
-> (9, 110),
-> (10, 108),
-> (10, 113);
Query OK, 15 rows affected (0.00 sec)
Records: 15 Duplicates: 0 Warnings: 0

MariaDB [perbankan]>

```

Memasukkan data data ke dalam table transaksi

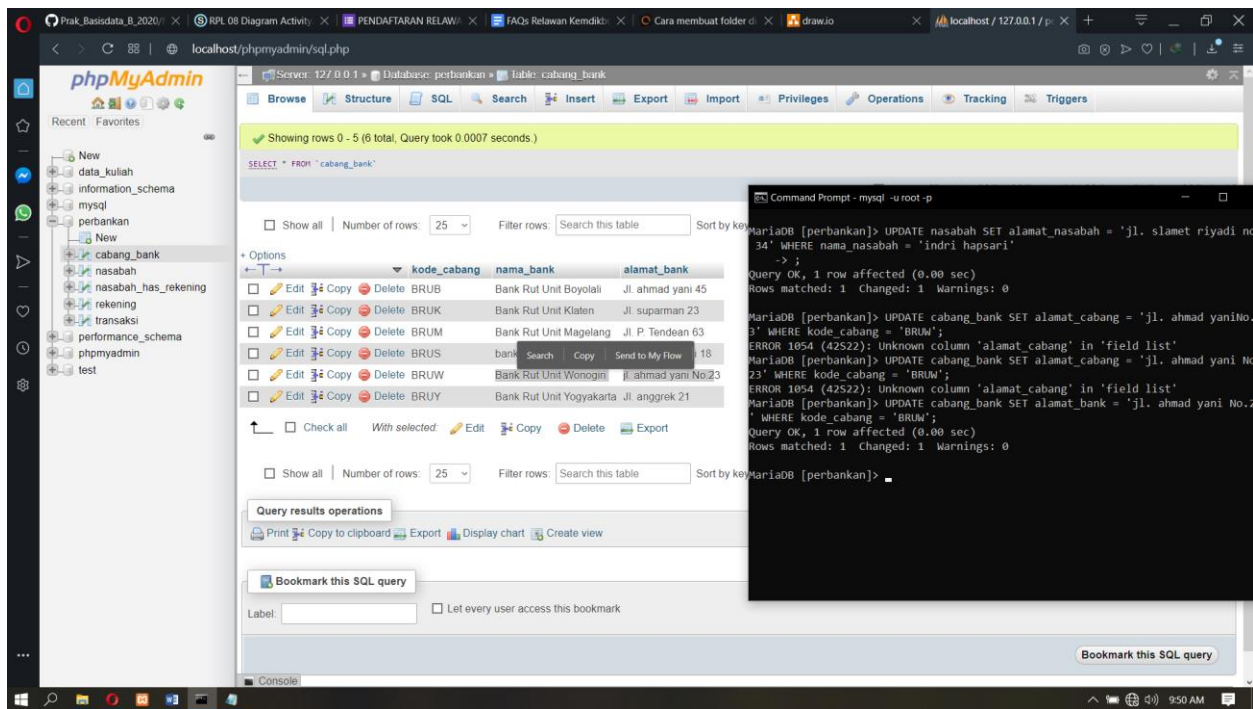
The screenshot shows the phpMyAdmin interface with the 'transaksi' table selected. The table has columns: no\_transaksi, id\_nasabahFK, no\_rekeningFK, jenis\_transaksi, tanggal, and jumlah. A terminal window on the right displays a long SQL INSERT statement for the 'transaksi' table, listing 25 rows of transaction data with various IDs, account numbers, transaction types (debit/kredit), dates, and amounts.

Melakukan update terhadap alamat\_nasabah

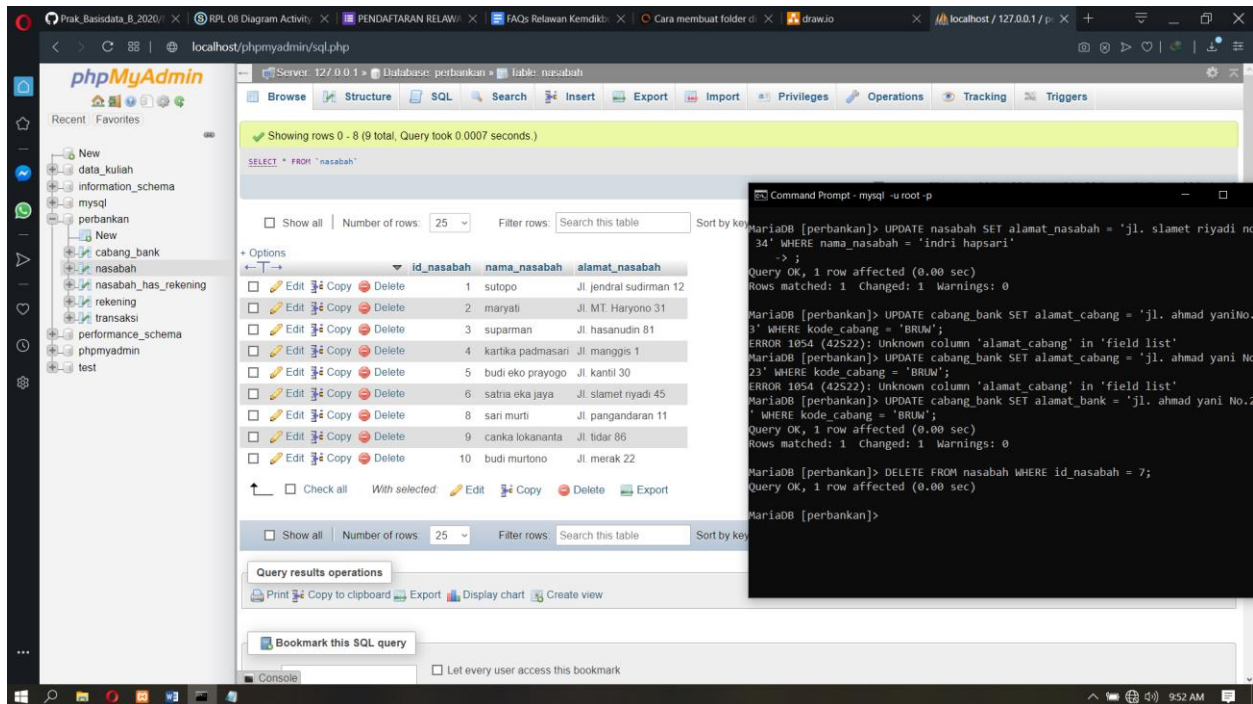
The screenshot shows the phpMyAdmin interface with the 'nasabah' table selected. The table has columns: id\_nasabah, nama\_nasabah, and alamat\_nasabah. A terminal window on the right displays an SQL UPDATE statement: 'UPDATE nasabah SET alamat\_nasabah = 'jl. slamet riyadi no. 34' WHERE nama\_nasabah = 'Indri hapsari''. The terminal output shows 'Query OK, 1 row affected (0.00 sec)' and 'Rows matched: 1 Changed: 1 Warnings: 0'.

Melakukan update terhadap alamat\_bank





Menghapus salah satu data pada table nasabah



Menghapus salah satu data pada table cabang\_bank

Prak\_Basissdata\_B\_2020/ x RPL 08 Diagram Activi/ x PENDAFTARAN RELAW/ x FAQ: Relawan Kemdik: x Cara membuat folder di x drawio x localhost / 127.0.0.1 / p x

localhost/phpmyadmin/sql.php

Database: perbankank > Table: cabang\_bank

Showing rows 0 - 4 (5 total, Query took 0.0009 seconds.)

SELECT \* FROM 'cabang\_bank'

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

	kode_cabang	nama_bank	alamat_bank
<input type="checkbox"/>	BRUB	Bank Rut Unit Boyolali	Jl. ahmad yani 45
<input type="checkbox"/>	BRUK	Bank Rut Unit Klaten	Jl. suparman 23
<input type="checkbox"/>	BRUS	bank rut unit surakarta	Jl. slamet riyadi 18
<input type="checkbox"/>	BRUW	Bank Rut Unit Wonogiri	Jl. ahmad yani No 23
<input type="checkbox"/>	BRUY	Bank Rut Unit Yogyakarta	Jl. angrek 21

Query results operations: Print | Copy to clipboard | Export | Display chart | Create view

Bookmark this SQL query

Label:  ☐ Let every user access this bookmark

Bookmark this SQL query

```
MariaDB [perbankank]> UPDATE nasabah SET alamat_nasabah = 'Jl. slamet riyadi no 34' WHERE nama_nasabah = 'indri hapsari';
Query OK, 1 row affected (0.00 sec)
Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [perbankank]> UPDATE cabang_bank SET alamat_cabang = 'Jl. ahmad yani No. 23' WHERE kode_cabang = 'BRUK';
ERROR 1054 (42S22): Unknown column 'alamat_cabang' in 'field list'
MariaDB [perbankank]> UPDATE cabang_bank SET alamat_cabang = 'Jl. ahmad yani No. 23' WHERE kode_cabang = 'BRUK';
ERROR 1054 (42S22): Unknown column 'alamat_cabang' in 'field list'
MariaDB [perbankank]> UPDATE cabang_bank SET alamat_bank = 'Jl. ahmad yani No. 23' WHERE kode_cabang = 'BRUK';
Query OK, 1 row affected (0.00 sec)
Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [perbankank]> DELETE FROM nasabah WHERE id_nasabah = 7;
Query OK, 1 row affected (0.00 sec)

MariaDB [perbankank]> DELETE FROM cabang_bank WHERE nama_bank = 'Bank Rut Unit Magelang';
Query OK, 1 row affected (0.00 sec)

MariaDB [perbankank]>
```

# Tugas

## Memasukkan data data ke dalam table mahasiswa

The screenshot shows the phpMyAdmin interface with the 'mahasiswa' table selected. The table structure is as follows:

nama_mahasiswa	alamat_mahasiswa	nim_mahasiswa
Kevin	Baki	1200180004
Andika	Wonogiri	1200180006
Rina	Boyolali	1200180025
Luqman	Sukoharjo	1200180035
Diaz	Kudus	1200180040
Hasan	Bogor	1200180077
Budi	Klaten	1200180125
Wati	Magelang	1200180143
Rahma	Demak	1200180154
Niki	Semarang	1200180200

The terminal window on the right shows the following SQL commands:

```
mysql -u root -p
MariaDB [(none)]> use data_kuliah;
Database changed
MariaDB [data_kuliah]> INSERT INTO mahasiswa values ('koi','kudus','1200180030');
Query OK, 1 row affected (0.00 sec)
MariaDB [data_kuliah]> INSERT INTO mahasiswa values ('1200180040','kudus','oi');
Query OK, 1 row affected (0.00 sec)
MariaDB [data_kuliah]> INSERT INTO mahasiswa values ('1200180040','kudus','diaz'),
-> ('1200180004','baki','kevin'),
-> ('1200180035','sukoharjo','luqman'),
-> ('1200180125','klaten','budi'),
-> ('1200180006','wonogiri','andika'),
-> ('1200180077','bogor','hasan'),
-> ('1200180200','semarang','riki'),
-> ('1200180154','demak','rahma'),
-> ('1200180143','magelang','wati'),
-> ('1200180025','boyolali','rina');
Query OK, 10 rows affected (0.00 sec)
Records: 10 Duplicates: 0 Warnings: 0
MariaDB [data_kuliah]>
```

## Memasukkan data data ke dalam table dosen

The screenshot shows the phpMyAdmin interface with the 'dosen' table selected. The table structure is as follows:

id_dosen	nama_dosen	alamat_dosen
1	adit	pekalongan
2	amar	kendal
3	khairul	karanganyar
4	abror	karawang
5	hamdan	kalimantan
6	nabil	demak
7	shofian	ngawi
8	fatah	tegal
9	fatur	balikpapan
10	ana	kudus

The terminal window on the right shows the following SQL commands:

```
mysql -u root -p
MariaDB [(none)]> use data_kuliah;
Database changed
MariaDB [data_kuliah]> INSERT INTO mahasiswa values ('1200180040','kudus','oi');
Query OK, 1 row affected (0.00 sec)
MariaDB [data_kuliah]> INSERT INTO mahasiswa values ('1200180040','kudus','diaz'),
-> ('1200180004','baki','kevin'),
-> ('1200180035','sukoharjo','luqman'),
-> ('1200180125','klaten','budi'),
-> ('1200180006','wonogiri','andika'),
-> ('1200180077','bogor','hasan'),
-> ('1200180200','semarang','riki'),
-> ('1200180154','demak','rahma'),
-> ('1200180143','magelang','wati'),
-> ('1200180025','boyolali','rina');
Query OK, 10 rows affected (0.00 sec)
Records: 10 Duplicates: 0 Warnings: 0
MariaDB [data_kuliah]> INSERT INTO dosen values ('001','adit','pekalongan'),
-> ('002','amar','kendal'),
-> ('003','khairul','karanganyar'),
-> ('004','abror','karawang'),
-> ('005','hamdan','kalimantan'),
-> ('006','nabil','demak'),
-> ('007','shofian','ngawi'),
-> ('008','fatah','tegal'),
-> ('009','fatur','balikpapan'),
-> ('010','ana','kudus');
Query OK, 10 rows affected (0.00 sec)
Records: 10 Duplicates: 0 Warnings: 0
MariaDB [data_kuliah]>
```

## Memasukkan data data ke dalam table mata\_kuliah

Showing rows 0 - 9 (10 total, Query took 0.0008 seconds.)

kode_matkul	nama_matkul	dosen_pengampu
A1	RPL	joko
A10	JARINGAN	dito
A2	NUMERIK	susanto
A3	MATEMATIKA DISKRIT	amin
A4	KALKULUS	narto
A5	PBO	tirta
A6	ISLAM DAN IPTEK	agus
A7	ENGLISH	handoko
A8	BAHASA INDONESIA	riyan
A9	BASIS DATA	ilyas

Command Prompt - mysql -u root -p

```

-> nimFK VARCHAR(10) PRIMARY KEY,
-> kode_matkulFK VARCHAR(2)
-> );
Query OK, 0 rows affected (0.02 sec)

MariaDB [data_kuliah]>
MariaDB [data_kuliah]>
MariaDB [data_kuliah]>
MariaDB [data_kuliah]>
MariaDB [data_kuliah]>
MariaDB [data_kuliah]>
MariaDB [data_kuliah]>
MariaDB [data_kuliah]> INSERT INTO mata_kuliah values('A1','RPL','joko');
Query OK, 1 row affected (0.00 sec)

MariaDB [data_kuliah]> INSERT INTO mata_kuliah values('A2','NUMERIK','susanto'),
-> ('A3','MATEMATIKA DISKRIT','amin'),
-> ('A4','KALKULUS','narto'),
-> ('A5','PBO','tirta'),
-> ('A6','ISLAM DAN IPTEK','agus'),
-> ('A7','ENGLISH','handoko'),
-> ('A8','BAHASA INDONESIA','riyan'),
-> ('A9','BASIS DATA','ilyas'),
-> ('A10','JARINGAN','dito')
-> );
Query OK, 9 rows affected (0.01 sec)
Records: 9 Duplicates: 0 Warnings: 0

MariaDB [data_kuliah]>

```

Memasukkan data data ke dalam table dosen\_teach\_mahasiswa

Showing rows 0 - 19 (20 total, Query took 0.0008 seconds.)

nipFK	nimFK
1	I200180020
2	I200180021
3	I200180022
4	I200180023
5	I200180024
6	I200180025
7	I200180026
8	I200180027
9	I200180028
10	I200180030
11	I200180031
12	L200180032
13	L200180033
14	L200180034
15	L200180035
16	L200180036
17	L200180037
18	L200180038
19	L200180039

Command Prompt - mysql -u root -p

```

MariaDB [data_kuliah]> DELETE dosen_take_mata_kuliah
-> );
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 '' at line 1
MariaDB [data_kuliah]> DROP DATABASE dosen_take_mata_kuliah;
ERROR 1008 (HY000): Can't drop database 'dosen_take_mata_kuliah'; database doesn't exist
MariaDB [data_kuliah]> CREATE TABLE mahasiswa_take_mata_kuliah(
-> nimFK VARCHAR(10) PRIMARY KEY,
-> kode_matkul VARCHAR(4) NOT NULL
-> );
Query OK, 0 rows affected (0.02 sec)

MariaDB [data_kuliah]> INSERT INTO dosen_teach_mahasiswa values(2, 'I200180021'),
-> );
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 ')' at line 2
MariaDB [data_kuliah]> INSERT INTO dosen_teach_mahasiswa values(11, 'I200180031'),
-> (12, 'L200180032'),
-> (13, 'L200180033'),
-> (14, 'L200180034'),
-> (15, 'L200180035'),
-> (16, 'L200180036'),
-> (17, 'L200180037'),
-> (18, 'L200180038'),
-> (19, 'L200180039'),
-> (20, 'L200180040');
Query OK, 10 rows affected (0.00 sec)
Records: 10 Duplicates: 0 Warnings: 0

MariaDB [data_kuliah]>

```

Memasukkan data data ke dalam table dosen\_teach\_mata\_kuliah



The screenshot shows the phpMyAdmin interface for the 'data\_kuliah' database. The table 'dosen\_teach\_mata\_kuliah' is selected, showing 19 rows. The table structure includes columns 'nipFK' and 'kode\_matkul'. A terminal window on the right displays an SQL error: '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 ')' at line 2'. The error message is partially obscured by the terminal output.

Memasukkan data data ke dalam table mahasiswa\_take\_mata\_kuliah

The screenshot shows the phpMyAdmin interface for the 'data\_kuliah' database. The table 'mahasiswa\_take\_mata\_kuliah' is selected, showing 19 rows. The table structure includes columns 'nimFK' and 'kode\_matkul'. A terminal window on the right displays the SQL command: 'MariaDB [data\_kuliah]> INSERT INTO mahasiswa\_take\_mata\_kuliah values('L200180021', 'A2');'. The terminal output shows the command was executed successfully, affecting 1 row.