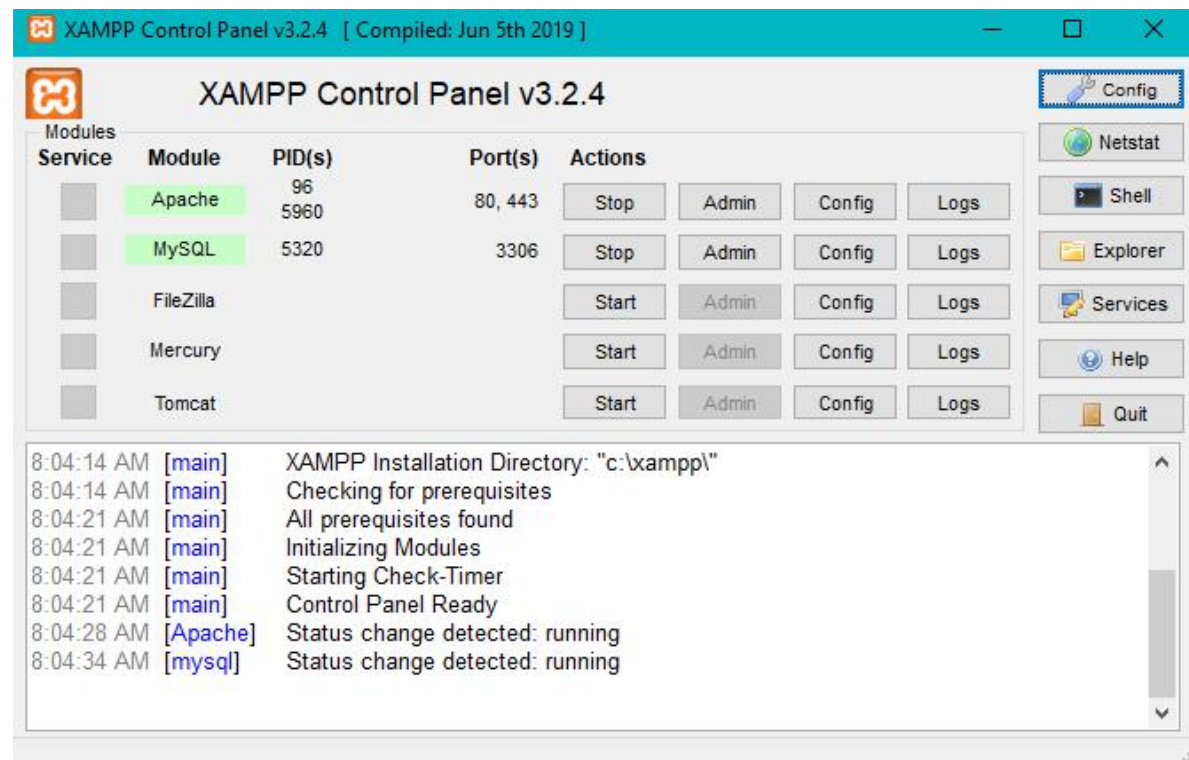


Nama : Sevtika Ichitia

NIM : L200180158

## Modul 5



## Latihan

Tabel : Nasabah

```
MariaDB [perbankan]> insert into nasabah(id_nasabah, nama_nasabah, alamat_nasabah)
-> values (1, 'Sutopo', 'Jl. Jendral Sudirman 12');
Query OK, 1 row affected (0.122 sec)

MariaDB [perbankan]> insert into nasabah(id_nasabah, nama_nasabah, alamat_nasabah)
-> values (2, 'Maryati', 'Jl. MT. Haryono 31');
Query OK, 1 row affected (0.127 sec)

MariaDB [perbankan]> insert into nasabah(id_nasabah, nama_nasabah, alamat_nasabah)
-> values (3, 'Suparman', 'Jl. Hasanudin 81');
Query OK, 1 row affected (0.106 sec)
```

```

C:\ Command Prompt - mysql -u root -p

MariaDB [perbankan]> insert into nasabah(id_nasabah, nama_nasabah, alamat_nasabah)
-> values(4, 'Kartika Padmasari', 'Jl. Manggis 15');
Query OK, 1 row affected (0.720 sec)

MariaDB [perbankan]> insert into nasabah(id_nasabah, nama_nasabah, alamat_nasabah)
-> values(5, 'Budi Eko Prayogo', 'Jl. Kantil 30');
Query OK, 1 row affected (0.030 sec)

MariaDB [perbankan]> insert into nasabah(id_nasabah, nama_nasabah, alamat_nasabah)
-> values(6, 'Satria Eka Jaya', 'Jl. Slamet Riyadi 45');
Query OK, 1 row affected (0.106 sec)

MariaDB [perbankan]> insert into nasabah(id_nasabah, nama_nasabah, alamat_nasabah)
-> values(7, 'Indri Hapsari', 'Jl. Sutoyo 5');
Query OK, 1 row affected (0.080 sec)

MariaDB [perbankan]> insert into nasabah(id_nasabah, nama_nasabah, alamat_nasabah)
-> values(8, 'Sari Murti', 'Jl. Pangandaran 11');
Query OK, 1 row affected (0.107 sec)

MariaDB [perbankan]> insert into nasabah(id_nasabah, nama_nasabah, alamat_nasabah)
-> values(9, 'Canka Lokananta', 'Jl. Tidar 86');
Query OK, 1 row affected (0.033 sec)

MariaDB [perbankan]> insert into nasabah(id_nasabah, nama_nasabah, alamat_nasabah)
-> values(10, 'Budi Murtono', 'Jl. Merak 22');
Query OK, 1 row affected (0.055 sec)

MariaDB [perbankan]> select*from nasabah
-> ;

+-----+-----+-----+
| id_nasabah | nama_nasabah | alamat_nasabah |
+-----+-----+-----+
| 1 | Sutopo | Jl. Jendral Sudirman 12 |
| 2 | Maryati | Jl. MT. Haryono 31 |
| 3 | Superman | Jl. Hasanudin 81 |
| 4 | Kartika Padmasari | Jl. Manggis 15 |
| 5 | Budi Eko Prayogo | Jl. Kantil 30 |
| 6 | Satria Eka Jaya | Jl. Slamet Riyadi 45 |
| 7 | Indri Hapsari | Jl. Sutoyo 5 |
| 8 | Sari Murti | Jl. Pangandaran 11 |
| 9 | Canka Lokananta | Jl. Tidar 86 |
| 10 | Budi Murtono | Jl. Merak 22 |
+-----+-----+-----+
10 rows in set (0.001 sec)

```

Server: 127.0.0.1 Database: perbankan Table: nasabah

Showing rows 0 - 9 (10 total, Query took 0.0017 seconds)

SELECT \* FROM 'nasabah'

Number of rows: 25 Filter rows: Search this table Sort by key: None

	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	Superman	Jl. Hasanudin 81
<input type="checkbox"/>	4	Kartika Padmasari	Jl. Manggis 15
<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

Query results operations

<http://localhost/phpmyadmin/sql.php?db=perbankan&table=nasabah&pos=0>

## Tabel : cabang\_bank

```
MariaDB [perbankan]> insert into cabang_bank(kode_cabang, nama_cabang, alamat_cabang)
-> values('BRUS', 'Bank Rut Unit Surakarta', 'Jl. Slamet Riyadi 18');
Query OK, 1 row affected (0.143 sec)
```

ca. Command Prompt - mysql -u root -p

```
MariaDB [perbankan]> insert into cabang_bank(kode_cabang, nama_cabang, alamat_cabang)
-> values ('BRUM', 'Bank Rut Unit Magelang', 'Jl.P.Tendean 63');
Query OK, 1 row affected (0.385 sec)
```

```
MariaDB [perbankan]> insert into cabang_bank(kode_cabang, nama_cabang, alamat_cabang)
-> values ('BRUB', 'Bank Rut Uunit Boyolali', 'Jl.Ahmad Yani 45');
Query OK, 1 row affected (0.111 sec)
```

```
MariaDB [perbankan]> insert into cabang_bank(kode_cabang, nama_cabang, alamat_cabang)
-> values ('BRUK', 'Bank Rut Unit Klaten', 'Jl.Suparman 23');
Query OK, 1 row affected (0.131 sec)
```

```
MariaDB [perbankan]> insert into cabang_bank(kode_cabang, nama_cabang, alamat_cabang)
-> values('BRUY', 'Bank Rut Unit Yogyakarta', 'Jl.Anggrek 21');
Query OK, 1 row affected (0.115 sec)
```

```
MariaDB [perbankan]> insert into cabang_bank(kode_cabang, nama_cabang, alamat_cabang)
-> value('BRUW', 'Bank Rut Unit Wonogiri', 'Jl.Untung Suropati 12');
Query OK, 1 row affected (0.030 sec)
```

```
MariaDB [perbankan]> select*from cabang_bank
-> ;
```

kode_cabang	nama_cabang	alamat_cabang
BRUB	Bank Rut Uunit Boyolali	Jl.Ahmad Yani 45
BRUK	Bank Rut Unit Klaten	Jl.Suparman 23
BRUM	Bank Rut Unit Magelang	Jl.P.Tendean 63
BRUS	Bank Rut Unit Surakarta	Jl. Slamet Riyadi 18
BRUW	Bank Rut Unit Wonogiri	Jl.Untung Suropati 12
BRUY	Bank Rut Unit Yogyakarta	Jl.Anggrek 21

6 rows in set (0.001 sec)

```
MariaDB [perbankan]>
```



phpMyAdmin

Server: 127.0.0.1 » Database: perbankan » Table: cabang\_bank

Showing rows 0 - 5 (6 total. Query took 0.0021 seconds.)

SELECT \* FROM `cabang\_bank`

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

	kode_cabang	nama_cabang	alamat_cabang
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	BRUB	Bank Rut Uunit Boyolali	Jl.Ahmad Yani 45
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	BRUK	Bank Rut Unit Klaten	Jl. Suparman 23
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	BRUM	Bank Rut Unit Magelang	Jl.P.Tendean 63
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	BRUS	Bank Rut Unit Surakarta	Jl. Slamet Riyadi 18
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	BRUW	Bank Rut Unit Wonogiri	Jl.Untung Suropati 12
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	BRUY	Bank Rut Unit Yogyakarta	Jl.Anggrek 21

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

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

Query results operations

☐ Print ☐ Copy to clipboard ☐ Export ☐ Display chart ☐ Create view

Bookmark this SQL query

Console

[http://localhost/phpmyadmin/sql.php?server=1&db=perbankan&table=cabang\\_bank&pos=0](http://localhost/phpmyadmin/sql.php?server=1&db=perbankan&table=cabang_bank&pos=0)

## Tabel : Rekening

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> insert into rekening(no_rekening, kode_cabangFK, pin, saldo)values
  -> (101, 'BRUS', '1111', 500000),
  -> (102, 'BRUS', '2222', 350000);
Query OK, 2 rows affected (0.142 sec)
Records: 2  Duplicates: 0  Warnings: 0

MariaDB [perbankan]> insert into rekening(no_rekening, kode_cabangFK, pin, saldo)values
  -> (103, 'BRUS', '3333', 750000),
  -> (104, 'BRUM', '4444', 900000),
  -> (105, 'BRUM', '5555', 2000000),
  -> (106, 'BRUS', '6666', 3000000),
  -> (107, 'BRUS', '7777', 1000000),
  -> (108, 'BRUB', '0000', 5000000),
  -> (109, 'BRUB', '9999', 0),
  -> (110, 'BRUY', '1234', 550000),
  -> (111, 'BRUK', '4321', 150000),
  -> (112, 'BRUK', '0123', 300000),
  -> (113, 'BRUY', '8888', 255000);
Query OK, 11 rows affected (0.111 sec)
Records: 11  Duplicates: 0  Warnings: 0

MariaDB [perbankan]> select*from rekening;
+-----+-----+-----+-----+
| no_rekening | kode_cabangFK | pin | saldo |
+-----+-----+-----+-----+
| 101 | BRUS | 1111 | 500000 |
| 102 | BRUS | 2222 | 350000 |
| 103 | BRUS | 3333 | 750000 |
| 104 | BRUM | 4444 | 900000 |
| 105 | BRUM | 5555 | 2000000 |
| 106 | BRUS | 6666 | 3000000 |
| 107 | BRUS | 7777 | 1000000 |
| 108 | BRUB | 0000 | 5000000 |
| 109 | BRUB | 9999 | 0 |
| 110 | BRUY | 1234 | 550000 |
| 111 | BRUK | 4321 | 150000 |
| 112 | BRUK | 0123 | 300000 |
| 113 | BRUY | 8888 | 255000 |
+-----+-----+-----+-----+
13 rows in set (0.001 sec)

MariaDB [perbankan]>
```

phpMyAdmin

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  - rekening
  - transaksi
- performance\_schema
- phpmyadmin
- test

Server: 127.0.0.1 » Database: perbankan » Table: rekening

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Showing rows 0 - 12 (13 total, Query took 0.0012 seconds)

SELECT \* FROM `rekening`

☐ 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

		no_rekening	kode_cabangFK	pin	saldo
<input type="checkbox"/>	Edit Copy Delete	101	BRUS	1111	500000
<input type="checkbox"/>	Edit Copy Delete	102	BRUS	2222	350000
<input type="checkbox"/>	Edit Copy Delete	103	BRUS	3333	750000
<input type="checkbox"/>	Edit Copy Delete	104	BRUM	4444	900000
<input type="checkbox"/>	Edit Copy Delete	105	BRUM	5555	2000000
<input type="checkbox"/>	Edit Copy Delete	106	BRUS	6666	3000000
<input type="checkbox"/>	Edit Copy Delete	107	BRUS	7777	1000000
<input type="checkbox"/>	Edit Copy Delete	108	BRUB	0000	5000000
<input type="checkbox"/>	Edit Copy Delete	109	BRUB	9999	0
<input type="checkbox"/>	Edit Copy Delete	110	BRUY	1234	550000
<input type="checkbox"/>	Edit Copy Delete	111	BRUK	4321	150000
<input type="checkbox"/>	Edit Copy Delete	112	BRUK	0123	300000
<input type="checkbox"/>	Edit Copy Delete	113	BRUY	8888	255000

☐ Check all | With selected: Edit Copy Delete Export

localhost/phpmyadmin/sql.php?server=1&db=perbankan&table=rekening

<http://localhost/phpmyadmin/sql.php?server=1&db=perbankan&table=rekening&pos=0>

Tabel : nasabah\_has\_rekening

```
C:\. Command Prompt - mysql -u root -p
MariaDB [perbankan]> insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK)values
-> (1,104),
-> (2,103),
-> (3,105),
-> (3,106),
-> (4,101),
-> (4,107),
-> (5,102),
-> (5,107),
-> (6,109),
-> (7,109),
-> (8,111),
-> (9,110),
-> (10,113),
-> (8,112),
-> (10,108);
Query OK, 15 rows affected (0.138 sec)
Records: 15 Duplicates: 0 Warnings: 0

MariaDB [perbankan]> select*from nasabah_has_rekening;
+-----+-----+
| 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 |
+-----+-----+
15 rows in set (0.001 sec)
```

The screenshot shows the phpMyAdmin interface for the 'perbankan' database. The 'nasabah\_has\_rekening' table is selected, and its structure and data are displayed. The table has two 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

[http://localhost/phpmyadmin/sql.php?server=1&db=perbankan&table=nasabah has rekening&pos=0](http://localhost/phpmyadmin/sql.php?server=1&db=perbankan&table=nasabah_has_rekening&pos=0)



## Tabel : transaksi

```

MariaDB [perbankan]> insert into transaksi(no_transaksi, no_rekeningFK, id_nasabahFK, jenis_transaksi, tanggal, jumlah)
values
-> ('1', '105', 3, 'debit', '2009-11-10', '50000'),
-> ('2', '103', 2, 'debit', '2009-11-10', '40000'),
-> ('3', '101', 4, 'kredit', '2009-11-12', '20000'),
-> ('4', '106', 3, 'debit', '2009-11-13', '50000'),
-> ('5', '107', 5, 'kredit', '2009-11-13', '30000'),
-> ('6', '104', 1, 'kredit', '2009-11-15', '20000'),
-> ('7', '110', 9, 'kredit', '2009-11-15', '150000'),
-> ('8', '102', 5, 'debit', '2009-11-16', '20000'),
-> ('9', '105', 3, 'kredit', '2009-11-18', '50000'),
-> ('10', '107', 4, 'debit', '2009-11-19', '100000'),
-> ('11', '103', 2, 'debit', '2009-11-19', '100000'),
-> ('12', '104', 1, 'debit', '2009-11-19', '50000');
Query OK, 12 rows affected (0.120 sec)
Records: 12 Duplicates: 0 Warnings: 0

MariaDB [perbankan]> insert into transaksi(no_transaksi, no_rekeningFK, id_nasabahFK, jenis_transaksi, tanggal, jumlah)
values
-> ('13', '107', 4, 'kredit', '2009-11-20', '200000'),
-> ('14', '105', 3, 'debit', '2009-11-21', '40000'),
-> ('15', '104', 1, 'kredit', '2009-11-22', '100000');
Query OK, 3 rows affected (0.114 sec)
Records: 3 Duplicates: 0 Warnings: 0

MariaDB [perbankan]> insert into transaksi(no_transaksi, no_rekeningFK, id_nasabahFK, jenis_transaksi, tanggal, jumlah)
values
-> ('16', '101', 4, 'kredit', '2009-11-22', '20000'),
-> ('17', '103', 2, 'debit', '2009-11-22', '50000'),
-> ('18', '102', 5, 'debit', '2009-11-25', '50000'),
-> ('19', '108', 10, 'debit', '2009-11-26', '100000'),
-> ('20', '106', 3, 'kredit', '2009-11-27', '50000'),
-> ('21', '103', 2, 'kredit', '2009-11-28', '200000'),
-> ('22', '105', 3, 'kredit', '2009-11-28', '100000'),
-> ('23', '102', 5, 'debit', '2009-11-30', '20000'),
-> ('24', '104', 1, 'debit', '2009-12-1', '50000');
Query OK, 9 rows affected (0.114 sec)
Records: 9 Duplicates: 0 Warnings: 0

MariaDB [perbankan]> insert into transaksi(no_transaksi, no_rekeningFK, id_nasabahFK, jenis_transaksi, tanggal, jumlah)
values
-> ('25', '103', 2, 'debit', '2009-12-2', '40000'),
-> ('26', '101', 4, 'debit', '2009-12-4', '50000'),
-> ('27', '103', 2, 'kredit', '2009-12-5', '100000'),
-> ('28', '102', 5, 'kredit', '2009-12-5', '200000'),
-> ('29', '109', 7, 'debit', '2009-12-5', '100000'),
-> ('30', '110', 9, 'debit', '2009-12-6', '20000');
Query OK, 6 rows affected (0.035 sec)
Records: 6 Duplicates: 0 Warnings: 0

MariaDB [perbankan]> select*from transaksi;
+-----+-----+-----+-----+-----+-----+
| no_transaksi | id_nasabahFK | no_rekeningFK | jenis_transaksi | tanggal | jumlah |
+-----+-----+-----+-----+-----+-----+
| 1 | 3 | 105 | debit | 2009-11-10 00:00:00 | 50000 |
| 2 | 2 | 103 | debit | 2009-11-10 00:00:00 | 40000 |
| 3 | 4 | 101 | kredit | 2009-11-12 00:00:00 | 20000 |
| 4 | 3 | 106 | debit | 2009-11-13 00:00:00 | 50000 |
| 5 | 5 | 107 | kredit | 2009-11-13 00:00:00 | 30000 |
| 6 | 1 | 104 | kredit | 2009-11-15 00:00:00 | 200000 |
| 7 | 9 | 110 | kredit | 2009-11-15 00:00:00 | 150000 |
| 8 | 5 | 102 | debit | 2009-11-16 00:00:00 | 20000 |
| 9 | 3 | 105 | kredit | 2009-11-18 00:00:00 | 50000 |
| 10 | 4 | 107 | debit | 2009-11-19 00:00:00 | 100000 |
| 11 | 2 | 103 | debit | 2009-11-19 00:00:00 | 100000 |
| 12 | 1 | 104 | debit | 2009-11-19 00:00:00 | 50000 |
| 13 | 4 | 107 | kredit | 2009-11-20 00:00:00 | 200000 |
| 14 | 3 | 105 | debit | 2009-11-21 00:00:00 | 40000 |
| 15 | 1 | 104 | kredit | 2009-11-22 00:00:00 | 100000 |
| 16 | 4 | 101 | kredit | 2009-11-22 00:00:00 | 20000 |
| 17 | 2 | 103 | debit | 2009-11-22 00:00:00 | 50000 |
| 18 | 5 | 102 | debit | 2009-11-25 00:00:00 | 50000 |
| 19 | 10 | 108 | debit | 2009-11-26 00:00:00 | 100000 |
| 20 | 3 | 106 | kredit | 2009-11-27 00:00:00 | 50000 |
| 21 | 2 | 103 | kredit | 2009-11-28 00:00:00 | 200000 |
| 22 | 3 | 105 | kredit | 2009-11-28 00:00:00 | 100000 |
| 23 | 5 | 102 | debit | 2009-11-30 00:00:00 | 20000 |
| 24 | 1 | 104 | debit | 2009-12-01 00:00:00 | 50000 |
| 25 | 2 | 103 | debit | 2009-12-02 00:00:00 | 40000 |
| 26 | 4 | 101 | debit | 2009-12-04 00:00:00 | 50000 |
| 27 | 2 | 103 | kredit | 2009-12-05 00:00:00 | 100000 |
| 28 | 5 | 102 | kredit | 2009-12-05 00:00:00 | 200000 |
| 29 | 7 | 109 | debit | 2009-12-05 00:00:00 | 100000 |
| 30 | 9 | 110 | debit | 2009-12-06 00:00:00 | 20000 |
+-----+-----+-----+-----+-----+-----+
30 rows in set (0.000 sec)

```



phpMyAdmin

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  - rekening
  - transaksi
- performance\_schema
- phpmyadmin
- test

Server: 127.0.0.1 » Database: perbankan » Table: transaksi

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

	no_transaksi	id_nasabahFK	no_rekeningFK	jenis_transaksi	tanggal	jumlah
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1	3	105	debit	2009-11-10 00:00:00	50000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	2	2	103	debit	2009-11-10 00:00:00	40000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	3	4	101	kredit	2009-11-12 00:00:00	20000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	4	3	106	debit	2009-11-13 00:00:00	50000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	5	5	107	kredit	2009-11-13 00:00:00	30000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	6	1	104	kredit	2009-11-15 00:00:00	200000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	7	9	110	kredit	2009-11-15 00:00:00	150000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	8	5	102	debit	2009-11-16 00:00:00	20000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	9	3	105	kredit	2009-11-18 00:00:00	50000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	10	4	107	debit	2009-11-19 00:00:00	100000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	11	2	103	debit	2009-11-19 00:00:00	100000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	12	1	104	debit	2009-11-19 00:00:00	50000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	13	4	107	kredit	2009-11-20 00:00:00	200000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	14	3	105	debit	2009-11-21 00:00:00	40000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	15	1	104	kredit	2009-11-22 00:00:00	100000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	16	4	101	kredit	2009-11-22 00:00:00	20000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	17	2	103	debit	2009-11-22 00:00:00	50000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	18	5	102	debit	2009-11-25 00:00:00	50000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	19	10	108	debit	2009-11-26 00:00:00	100000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	20	3	106	kredit	2009-11-27 00:00:00	50000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	21	2	103	kredit	2009-11-28 00:00:00	200000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	22	3	105	kredit	2009-11-28 00:00:00	100000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	23	5	102	debit	2009-11-30 00:00:00	20000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	24	1	104	debit	2009-12-01 00:00:00	50000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	25	2	103	debit	2009-12-02 00:00:00	40000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	26	4	101	debit	2009-12-04 00:00:00	50000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	27	2	103	kredit	2009-12-05 00:00:00	100000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	28	5	102	kredit	2009-12-05 00:00:00	200000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	29	7	109	debit	2009-12-05 00:00:00	100000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	30	9	110	debit	2009-12-06 00:00:00	20000

localhost/phpmyadmin/tbl\_structure.php?server=1&db=perbankan&table=transaksi

phpMyAdmin

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- performance\_schema
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Server: 127.0.0.1 » Database: perbankan » Table: transaksi

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	no_transa	id_nasabah	no_rekening	jenis_transaksi	tanggal	jum
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	23	5	102	debit	2009-11-30 00:00:00	20000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	24	1	104	debit	2009-12-01 00:00:00	50000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	25	2	103	debit	2009-12-02 00:00:00	40000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	26	4	101	debit	2009-12-04 00:00:00	50000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	27	2	103	kredit	2009-12-05 00:00:00	100000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	28	5	102	kredit	2009-12-05 00:00:00	200000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	29	7	109	debit	2009-12-05 00:00:00	100000
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	30	9	110	debit	2009-12-06 00:00:00	20000

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

☐ Show all Number of rows: 50 Filter rows: Search this table Sort by key: None

Query results operations

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Bookmark this SQL query

localhost/phpmyadmin/sql.php?server=1&db=perbankan&table=transaksi&pos=...

<http://localhost/phpmyadmin/sql.php?server=1&db=perbankan&table=transaksi&pos=0>

No. 6 dan 7

```
MariaDB [perbankan]> UPDATE nasabah
    -> SET alamat_nasabah = ' Jl. Slamet Riyadi 34'
    -> WHERE nama_nasabah = 'Indri Hapsari';
Query OK, 1 row affected (0.031 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [perbankan]> UPDATE cabang_bank
    -> SET alamat_cabang = 'Jl. Ahamad Yani 23'
    -> WHERE nama_cabang = 'BRUW';
Query OK, 0 rows affected (0.086 sec)
Rows matched: 0  Changed: 0  Warnings: 0

MariaDB [perbankan]> DELETE from nasabah
    -> WHERE id_nasabah = 7;
Query OK, 1 row affected (0.104 sec)

MariaDB [perbankan]> DELETE from cabang_bank
    -> WHERE nama_cabang = 'Bank Rut Unit Magelang';
Query OK, 1 row affected (0.187 sec)
```

## TUGAS

### 10 record pada TABLE NASABAH

```
Ca Command Prompt - mysql -u root -p
MariaDB [perbankan]> insert into nasabah(id_nasabah, nama_nasabah, alamat_nasabah)values
-> (11, 'Sevtika Ichitia', 'Jl. Mawar 24'),
-> (12, 'Putri Novitasari', 'Jl. Melati 12'),
-> (13, 'Murdiati', 'Jl. Kamboja 7'),
-> (14, 'Yesi Rachmawati', 'Jl. Sankyu 28'),
-> (15, 'Elvi Yenita', 'Jl. Cempaka 17'),
-> (16, 'Cristina Natalia', 'Jl.Sudirman 20'),
-> (17, 'Lala', 'Jl. Ponegoro 22'),
-> (18, 'Lili', 'Jl. Ahmad Yani 25'),
-> (19, 'Lulu', 'Jl. Supomo 13'),
-> (20, 'Lolo', 'Jl, Jendral Soedirman 25');
Query OK, 10 rows affected (0.053 sec)
Records: 10  Duplicates: 0  Warnings: 0

MariaDB [perbankan]> select*from nasabah;
+-----+-----+-----+
| id_nasabah | nama_nasabah | alamat_nasabah |
+-----+-----+-----+
| 1 | Sutopo | Jl. Jendral Sudirman 12 |
| 2 | Maryati | Jl. MT. Haryono 31 |
| 3 | Suparman | Jl. Hasanudin 81 |
| 4 | Kartika Padmasari | Jl. Manggis 15 |
| 5 | Budi Eko Prayogo | Jl. Kantil 30 |
| 6 | Satria Eka Jaya | Jl. Slamet Riyadi 45 |
| 8 | Sari Murti | Jl. Pangandaran 11 |
| 9 | Canka Lokananta | Jl. Tidar 86 |
| 10 | Budi Murtono | Jl. Merak 22 |
| 11 | Sevtika Ichitia | Jl. Mawar 24 |
| 12 | Putri Novitasari | Jl. Melati 12 |
| 13 | Murdiati | Jl. Kamboja 7 |
| 14 | Yesi Rachmawati | Jl. Sankyu 28 |
| 15 | Elvi Yenita | Jl. Cempaka 17 |
| 16 | Cristina Natalia | Jl.Sudirman 20 |
| 17 | Lala | Jl. Ponegoro 22 |
| 18 | Lili | Jl. Ahmad Yani 25 |
| 19 | Lulu | Jl. Supomo 13 |
| 20 | Lolo | Jl, Jendral Soedirman 25 |
+-----+-----+-----+
19 rows in set (0.001 sec)
```



## 10 record pada TABLE CABANG\_BANK

```
MariaDB [(none)]> use perbankan;
Database changed
MariaDB [perbankan]> insert into cabang_bank(kode_cabang, nama_cabang, alamat_cabang)values
-> ('BRUJ', 'Bank Rut Unit Jakarta', 'Jl. Pancuran 10'),
-> ('BRUSg', 'Bank Rut Unit Serang', 'Jl.Pakupatan 13'),
-> ('BRUBek', 'Bank Rut Unit Bekasi', 'Jl. Melati 11'),
-> ('BRUTg', 'Bank Rut Unit Tangerang', 'Jl. Serpong 10'),
-> ('BRUMn', 'Bank Rut Unit Medan', 'Jl. Cempaka 15'),
-> ('BRUKal', 'Bank Rut Unit Kalimantan', 'Jl. Mawar 22'),
-> ('BRUP', 'Bank Rut Unit Papua', 'Jl. Soedirman 9'),
-> ('BRUSul', 'Bank Rut Unit Sulawesi', 'Jl. Budi Utomo 23'),
-> ('BRUPk', 'Bank Rut Unit Pekalongan', 'Jl. Kamboja 8'),
-> ('BRUBal', 'Bank Rut Unit Bail', 'Jl. blibli 12');
Query OK, 10 rows affected (0.417 sec)
Records: 10 Duplicates: 0 Warnings: 0

MariaDB [perbankan]> select*from cabang_bank;
+-----+-----+-----+
| kode_cabang | nama_cabang          | alamat_cabang          |
+-----+-----+-----+
| BRUB        | Bank Rut Uunit Boyolali | Jl.Ahmad Yani 45      |
| BRUBal      | Bank Rut Unit Bail      | Jl. blibli 12         |
| BRUBek      | Bank Rut Unit Bekasi    | Jl. Melati 11         |
| BRUJ        | Bank Rut Unit Jakarta    | Jl. Pancuran 10     |
| BRUK        | Bank Rut Unit Klaten     | Jl.Suparman 23        |
| BRUKal      | Bank Rut Unit Kalimantan | Jl. Mawar 22          |
| BRUMn       | Bank Rut Unit Medan      | Jl. Cempaka 15        |
| BRUP        | Bank Rut Unit Papua      | Jl. Soedirman 9       |
| BRUPk       | Bank Rut Unit Pekalongan | Jl. Kamboja 8         |
| BRUS        | Bank Rut Unit Surakarta  | Jl. Slamet Riyadi 18  |
| BRUSg       | Bank Rut Unit Serang     | Jl.Pakupatan 13       |
| BRUSul      | Bank Rut Unit Sulawesi   | Jl. Budi Utomo 23     |
| BRUTg       | Bank Rut Unit Tangerang  | Jl. Serpong 10        |
| BRUW        | Bank Rut Unit Wonogiri   | Jl.Untung Suropati 12 |
| BRUY        | Bank Rut Unit Yogyakarta | Jl.Anggrek 21         |
+-----+-----+-----+
15 rows in set (0.001 sec)
```

## 10 record pada TABLE REKENING

```
MariaDB [perbankan]> insert into rekening(no_rekening, kode_cabangFK, pin, saldo)values
-> (114, 'BRUJ', '1122', 500000),
-> (115, 'BRUSg', '2233', 550000),
-> (116, 'BRUBek', '1324', 69000);
ERROR 2006 (HY000): MySQL server has gone away
No connection. Trying to reconnect...
Connection id: 186
Current database: perbankan

Query OK, 3 rows affected (0.704 sec)
Records: 3 Duplicates: 0 Warnings: 0

MariaDB [perbankan]> insert into rekening(no_rekening, kode_cabangFK, pin, saldo)values
-> (117, 'BRUTg', '3345', 450000),
-> (118, 'BRUMn', '5346', 800000),
-> (119, 'BRUKal', '8765', 630000),
-> (120, 'BRUP', '4289', 100000),
-> (121, 'BRUSul', '7890', 139000),
-> (122, 'BRUPk', '5677', 40000),
-> (123, 'BRUBal', '3867', 578000);
Query OK, 7 rows affected (0.071 sec)
Records: 7 Duplicates: 0 Warnings: 0

MariaDB [perbankan]> select*from rekening;
+-----+-----+-----+-----+
| no_rekening | kode_cabangFK | pin | saldo |
+-----+-----+-----+-----+
| 101 | BRUS | 1111 | 500000 |
| 102 | BRUS | 2222 | 350000 |
| 103 | BRUS | 3333 | 750000 |
| 104 | BRUM | 4444 | 900000 |
| 105 | BRUM | 5555 | 2000000 |
| 106 | BRUS | 6666 | 3000000 |
| 107 | BRUS | 7777 | 1000000 |
| 108 | BRUB | 0000 | 5000000 |
| 109 | BRUB | 9999 | 0 |
| 110 | BRUY | 1234 | 550000 |
| 111 | BRUK | 4321 | 150000 |
| 112 | BRUK | 0123 | 300000 |
| 113 | BRUY | 8888 | 255000 |
| 114 | BRUJ | 1122 | 500000 |
| 115 | BRUSg | 2233 | 550000 |
| 116 | BRUBek | 1324 | 69000 |
| 117 | BRUTg | 3345 | 450000 |
| 118 | BRUMn | 5346 | 800000 |
| 119 | BRUKal | 8765 | 630000 |
| 120 | BRUP | 4289 | 100000 |
| 121 | BRUSul | 7890 | 139000 |
| 122 | BRUPk | 5677 | 40000 |
| 123 | BRUBal | 3867 | 578000 |
+-----+-----+-----+-----+
23 rows in set (0.016 sec)
```

## 10 record pada TABLE NASABAH\_HAS\_REKENING

```
MariaDB [perbankan]> insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK)values
-> (11, 112),
-> (12, 116),
-> (13, 109),
-> (14, 110),
-> (15, 120),
-> (16, 113),
-> (17, 118),
-> (18, 100),
-> (19, 102),
-> (20, 117);
```

Query OK, 10 rows affected (0.071 sec)  
Records: 10 Duplicates: 0 Warnings: 0

```
MariaDB [perbankan]> select*from nasabah_has_rekening;
```

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
11	112
12	116
13	109
14	110
15	120
16	113
17	118
18	100
19	102
20	117

25 rows in set (0.037 sec)



## 10 record pada TABLE TRANSAKSI

```
MariaDB [perbankan]> insert into transaksi(no_transaksi, no_rekeningFK, id_nasabahFK, jenis_transaksi, tanggal, jumlah) values
-> ('31', '111', 9, 'kredit', '2009-12-7', '900000'),
-> ('32', '134', 11, 'debit', '2009-12-7', '450000');
Query OK, 2 rows affected (0.136 sec)
Records: 2 Duplicates: 0 Warnings: 0
```

```
MariaDB [perbankan]> insert into transaksi(no_transaksi, no_rekeningFK, id_nasabahFK, jenis_transaksi, tanggal, jumlah) values
-> ('33', '112', 14, 'debit', '2009-12-7', '50000'),
-> ('34', '109', 7, 'kredit', '2009-12-8', '100000'),
-> ('35', '103', 8, 'kredit', '2009-12-8', '150000'),
-> ('36', '101', 5, 'debit', '2009-12-8', '120000'),
-> ('37', '105', 10, 'debit', '2009-12-10', '45000'),
-> ('38', '110', 13, 'kredit', '2009-12-10', '350000'),
-> ('39', '104', 11, 'debit', '2009-12-13', '200000'),
-> ('40', '130', 15, 'debit', '2009-12-16', '800000');
Query OK, 8 rows affected (0.071 sec)
Records: 8 Duplicates: 0 Warnings: 0
```

```
MariaDB [perbankan]> select*from transaksi;
```

no_transaksi	id_nasabahFK	no_rekeningFK	jenis_transaksi	tanggal	jumlah
1	3	105	debit	2009-11-10 00:00:00	50000
2	2	103	debit	2009-11-10 00:00:00	40000
3	4	101	kredit	2009-11-12 00:00:00	20000
4	3	106	debit	2009-11-13 00:00:00	50000
5	5	107	kredit	2009-11-13 00:00:00	30000
6	1	104	kredit	2009-11-15 00:00:00	200000
7	9	110	kredit	2009-11-15 00:00:00	150000
8	5	102	debit	2009-11-16 00:00:00	20000
9	3	105	kredit	2009-11-18 00:00:00	50000
10	4	107	debit	2009-11-19 00:00:00	100000
11	2	103	debit	2009-11-19 00:00:00	100000
12	1	104	debit	2009-11-19 00:00:00	50000
13	4	107	kredit	2009-11-20 00:00:00	200000
14	3	105	debit	2009-11-21 00:00:00	40000
15	1	104	kredit	2009-11-22 00:00:00	100000
16	4	101	kredit	2009-11-22 00:00:00	20000
17	2	103	debit	2009-11-22 00:00:00	50000
18	5	102	debit	2009-11-25 00:00:00	50000
19	10	108	debit	2009-11-26 00:00:00	100000
20	3	106	kredit	2009-11-27 00:00:00	50000
21	2	103	kredit	2009-11-28 00:00:00	200000
22	3	105	kredit	2009-11-28 00:00:00	100000
23	5	102	debit	2009-11-30 00:00:00	20000
24	1	104	debit	2009-12-01 00:00:00	50000
25	2	103	debit	2009-12-02 00:00:00	40000
26	4	101	debit	2009-12-04 00:00:00	50000
27	2	103	kredit	2009-12-05 00:00:00	100000
28	5	102	kredit	2009-12-05 00:00:00	200000
29	7	109	debit	2009-12-05 00:00:00	100000
30	9	110	debit	2009-12-06 00:00:00	20000
31	9	111	kredit	2009-12-07 00:00:00	900000
32	11	134	debit	2009-12-07 00:00:00	450000
33	14	112	debit	2009-12-07 00:00:00	50000
34	7	109	kredit	2009-12-08 00:00:00	100000
35	8	103	kredit	2009-12-08 00:00:00	150000
36	5	101	debit	2009-12-08 00:00:00	120000
37	10	105	debit	2009-12-10 00:00:00	45000
38	13	110	kredit	2009-12-10 00:00:00	350000
39	11	104	debit	2009-12-13 00:00:00	200000
40	15	130	debit	2009-12-16 00:00:00	800000

```
40 rows in set (0.002 sec)
```