

Nama : Krisna Alif Meilana

NIM : L200180028

Kelas : B

## Modul 5

### Latihan

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Command Prompt - mysql -u root -p
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 (0.052 sec)

MariaDB [perbankan]> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES(7, 'Indri Hapsari', 'Jl. Sutoyo 5');
Query OK, 1 row affected (0.061 sec)

MariaDB [perbankan]> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES(8, 'Sari Murti', 'Jl. Pangandaran 11');
> ;
> ;
> ;
> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES(8, 'Sari Murti', 'Jl. Pangandaran 11');
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 '11');
;

;
INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES(' at line 1
MariaDB [perbankan]> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES(8, 'Sari Murti', 'Jl. Pangandaran 11');
> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES(8, 'Sari Murti', 'Jl. Pangandaran 11');
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 'Murtono', 'Jl. Merak 22');
INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES(8, 'S' at line 1
MariaDB [perbankan]> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES(9, 'Canka Lokananta', 'Jl. Tidar 86');
Query OK, 1 row affected (0.083 sec)

MariaDB [perbankan]> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES(10, 'Budi Murtono', 'Jl. Merak 22');
> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES(10, 'Budi Murtono', 'Jl. Merak 22');
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 'Murtono', 'Jl. Merak 22');
INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_' at line 1
MariaDB [perbankan]> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES(8, 'Sari Murti', 'Jl. Pangandaran 11');
Query OK, 1 row affected (0.050 sec)

MariaDB [perbankan]> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES(10, 'Budi Murtono', 'Jl. Merak 22');
Query OK, 1 row affected (0.061 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 | 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 |
| 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 (0.000 sec)

MariaDB [perbankan]>
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Command Prompt - mysql -u root -p
Query OK, 1 row affected (0.061 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 (0.000 sec)

MariaDB [perbankan]> INSERT INTO cabang_bank(kode_cabang, nama_cabang, alamat_cabang) VALUES(BRUS, 'Bank Rut Unit Surakarta', 'Jl. Slamet Riyadi 18');
ERROR 1054 (42S22): Unknown column 'BRUS' in 'field list'
MariaDB [perbankan]>
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 (0.344 sec)

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 (0.058 sec)

MariaDB [perbankan]> INSERT INTO cabang_bank(kode_cabang, nama_cabang, alamat_cabang) VALUES('BRUB', 'Bank Rut Unit Boyolali', 'Jl. Ahmad Yani 45');
Query OK, 1 row affected (0.153 sec)

MariaDB [perbankan]> INSERT INTO cabang_bank(kode_cabang, nama_cabang, alamat_cabang) VALUES('BRUK', 'Bank Rut Unit Klaten', 'Jl. Superman 23');
Query OK, 1 row affected (0.055 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 (0.054 sec)

MariaDB [perbankan]> INSERT INTO cabang_bank(kode_cabang, nama_cabang, alamat_cabang) VALUES('BRUW', 'Bank Rut Unit Wonogiri', 'Untung Suropati 12');
Query OK, 1 row affected (0.052 sec)

MariaDB [perbankan]> select * from cabang_bank;
+-----+-----+-----+
| kode_cabang | nama_cabang | alamat_cabang |
+-----+-----+-----+
| BRUB | Bank Rut Unit Boyolali | Jl. Ahmad Yani 45 |
| BRUK | Bank Rut Unit Klaten | Jl. Superman 23 |
| BRUM | Bank Rut Unit Magelang | Jl. P.Tendean 63 |
| BRUS | Bank Rut Unit Surakarta | Jl. Slamet Riyadi 18 |
| BRUW | Bank Rut Unit Wonogiri | Untung Suropati 12 |
| BRUY | Bank Rut Unit Yogyakarta | Jl. Anggrek 21 |
+-----+-----+-----+
6 rows in set (0.000 sec)

MariaDB [perbankan]>

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Command Prompt - mysql -u root -p
Query OK, 1 row affected (0.102 sec)

MariaDB [perbankan]> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(103, 'BRUS', 3333, 750000);
Query OK, 1 row affected (0.104 sec)

MariaDB [perbankan]> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(104, 'BRUM', 4444, 900000);
Query OK, 1 row affected (0.051 sec)

MariaDB [perbankan]> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(105, 'BRUM', 5555, 2000000);
Query OK, 1 row affected (0.042 sec)

MariaDB [perbankan]> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(106, 'BRUS', 6666, 3000000);
Query OK, 1 row affected (0.056 sec)

MariaDB [perbankan]> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(107, 'BRUS', 7777, 1000000);
Query OK, 1 row affected (0.051 sec)

MariaDB [perbankan]> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(108, 'BRUB', 0000, 5000000);
Query OK, 1 row affected (0.061 sec)

MariaDB [perbankan]> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(109, 'BRUB', 9999, 0);
Query OK, 1 row affected (0.064 sec)

MariaDB [perbankan]> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(110, 'BRUY', 1234, 550000);
Query OK, 1 row affected (0.067 sec)

MariaDB [perbankan]> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(111, 'BRUK', 4321, 150000);
Query OK, 1 row affected (0.077 sec)

MariaDB [perbankan]> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(112, 'BRUK', 0123, 300000);
Query OK, 1 row affected (0.058 sec)

MariaDB [perbankan]> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(113, 'BRUY', 8888, 255000);
Query OK, 1 row affected (0.086 sec)

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 | 0 | 5000000 |
| 109 | BRUB | 9999 | 0 |
| 110 | BRUY | 1234 | 550000 |
| 111 | BRUK | 4321 | 150000 |
| 112 | BRUK | 123 | 300000 |
| 113 | BRUY | 8888 | 255000 |
+-----+-----+-----+-----+
13 rows in set (0.000 sec)

MariaDB [perbankan]>

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Command Prompt - mysql -u root -p

MariaDB [perbankan]> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES(3, 106);
Query OK, 1 row affected (0.056 sec)

MariaDB [perbankan]> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES(4, 101);
Query OK, 1 row affected (0.047 sec)

MariaDB [perbankan]> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES(4, 107);
Query OK, 1 row affected (0.132 sec)

MariaDB [perbankan]> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES(5, 102);
Query OK, 1 row affected (0.082 sec)

MariaDB [perbankan]> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES(5, 107);
Query OK, 1 row affected (0.053 sec)

MariaDB [perbankan]> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES(6, 109);
Query OK, 1 row affected (0.056 sec)

MariaDB [perbankan]> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES(7, 109);
Query OK, 1 row affected (0.057 sec)

MariaDB [perbankan]> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES(8, 111);
Query OK, 1 row affected (0.130 sec)

MariaDB [perbankan]> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES(9, 110);
Query OK, 1 row affected (0.057 sec)

MariaDB [perbankan]> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES(10, 113);
Query OK, 1 row affected (0.089 sec)

MariaDB [perbankan]> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES(8, 112);
Query OK, 1 row affected (0.082 sec)

MariaDB [perbankan]> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES(10, 108);
Query OK, 1 row affected (0.061 sec)

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 (0.000 sec)

MariaDB [perbankan]>
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Command Prompt - mysql -u root -p
MariaDB [perbankan]> INSERT INTO transaksi(no_transaksi, no_rekeningFK, id_nasabahFK, jenis_transaksi, tanggal, jumlah) VALUES(25, 103, 2, 'debit', 2009-12-2, 40000);
Query OK, 1 row affected, 1 warning (0.076 sec)

MariaDB [perbankan]> INSERT INTO transaksi(no_transaksi, no_rekeningFK, id_nasabahFK, jenis_transaksi, tanggal, jumlah) VALUES(26, 101, 4, 'debit', 2009-12-4, 50000);
Query OK, 1 row affected, 1 warning (0.105 sec)

MariaDB [perbankan]> INSERT INTO transaksi(no_transaksi, no_rekeningFK, id_nasabahFK, jenis_transaksi, tanggal, jumlah) VALUES(27, 103, 2, 'kredit', 2009-12-5, 100000);
Query OK, 1 row affected, 1 warning (0.082 sec)

MariaDB [perbankan]> INSERT INTO transaksi(no_transaksi, no_rekeningFK, id_nasabahFK, jenis_transaksi, tanggal, jumlah) VALUES(28, 102, 5, 'kredit', 2009-12-5, 200000);
Query OK, 1 row affected, 1 warning (0.089 sec)

MariaDB [perbankan]> INSERT INTO transaksi(no_transaksi, no_rekeningFK, id_nasabahFK, jenis_transaksi, tanggal, jumlah) VALUES(29, 109, 7, 'debit', 2009-12-5, 100000);
Query OK, 1 row affected, 1 warning (0.052 sec)

MariaDB [perbankan]> INSERT INTO transaksi(no_transaksi, no_rekeningFK, id_nasabahFK, jenis_transaksi, tanggal, jumlah) VALUES(30, 110, 9, 'debit', 2009-12-6, 20000);
Query OK, 1 row affected, 1 warning (0.040 sec)

MariaDB [perbankan]> select * from transaksi;
+-----+-----+-----+-----+-----+-----+
| no_transaksi | id_nasabahFK | no_rekeningFK | jenis_transaksi | tanggal | jumlah |
+-----+-----+-----+-----+-----+-----+
| 1 | 3 | 105 | debit | 0000-00-00 00:00:00 | 50000 |
| 2 | 2 | 103 | debit | 0000-00-00 00:00:00 | 40000 |
| 3 | 4 | 101 | kredit | 0000-00-00 00:00:00 | 20000 |
| 4 | 3 | 106 | debit | 0000-00-00 00:00:00 | 50000 |
| 5 | 5 | 107 | kredit | 0000-00-00 00:00:00 | 30000 |
| 6 | 1 | 106 | kredit | 0000-00-00 00:00:00 | 200000 |
| 7 | 9 | 106 | kredit | 0000-00-00 00:00:00 | 150000 |
| 8 | 5 | 106 | debit | 0000-00-00 00:00:00 | 20000 |
| 9 | 3 | 106 | kredit | 0000-00-00 00:00:00 | 50000 |
| 10 | 4 | 106 | debit | 0000-00-00 00:00:00 | 100000 |
| 11 | 2 | 106 | debit | 0000-00-00 00:00:00 | 100000 |
| 12 | 1 | 106 | debit | 0000-00-00 00:00:00 | 50000 |
| 13 | 4 | 106 | kredit | 0000-00-00 00:00:00 | 200000 |
| 14 | 3 | 106 | debit | 0000-00-00 00:00:00 | 40000 |
| 15 | 1 | 106 | kredit | 0000-00-00 00:00:00 | 100000 |
| 16 | 4 | 106 | kredit | 0000-00-00 00:00:00 | 20000 |
| 17 | 2 | 103 | debit | 0000-00-00 00:00:00 | 50000 |
| 18 | 5 | 102 | debit | 0000-00-00 00:00:00 | 50000 |
| 19 | 10 | 108 | debit | 0000-00-00 00:00:00 | 100000 |
| 20 | 3 | 106 | kredit | 0000-00-00 00:00:00 | 50000 |
| 21 | 2 | 103 | kredit | 0000-00-00 00:00:00 | 200000 |
| 22 | 3 | 105 | kredit | 0000-00-00 00:00:00 | 100000 |
| 23 | 5 | 102 | debit | 0000-00-00 00:00:00 | 20000 |
| 24 | 1 | 104 | debit | 0000-00-00 00:00:00 | 50000 |
| 25 | 2 | 103 | debit | 0000-00-00 00:00:00 | 40000 |
| 26 | 4 | 101 | debit | 0000-00-00 00:00:00 | 50000 |
| 27 | 2 | 103 | kredit | 0000-00-00 00:00:00 | 100000 |
| 28 | 5 | 102 | kredit | 0000-00-00 00:00:00 | 200000 |
| 29 | 7 | 109 | debit | 0000-00-00 00:00:00 | 100000 |
| 30 | 9 | 110 | debit | 0000-00-00 00:00:00 | 20000 |
+-----+-----+-----+-----+-----+-----+
30 rows in set (0.000 sec)

MariaDB [perbankan]>
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```
Command Prompt - mysql -u root -p

15 | 1 | 106 | kredit | 0000-00-00 00:00:00 | 100000 |
16 | 4 | 106 | kredit | 0000-00-00 00:00:00 | 20000 |
17 | 2 | 103 | debit | 0000-00-00 00:00:00 | 50000 |
18 | 5 | 102 | debit | 0000-00-00 00:00:00 | 50000 |
19 | 10 | 108 | debit | 0000-00-00 00:00:00 | 100000 |
20 | 3 | 106 | kredit | 0000-00-00 00:00:00 | 50000 |
21 | 2 | 103 | kredit | 0000-00-00 00:00:00 | 200000 |
22 | 3 | 105 | kredit | 0000-00-00 00:00:00 | 100000 |
23 | 5 | 102 | debit | 0000-00-00 00:00:00 | 20000 |
24 | 1 | 104 | debit | 0000-00-00 00:00:00 | 50000 |
25 | 2 | 103 | debit | 0000-00-00 00:00:00 | 40000 |
26 | 4 | 101 | debit | 0000-00-00 00:00:00 | 50000 |
27 | 2 | 103 | kredit | 0000-00-00 00:00:00 | 100000 |
28 | 5 | 102 | kredit | 0000-00-00 00:00:00 | 200000 |
29 | 7 | 109 | debit | 0000-00-00 00:00:00 | 100000 |
30 | 9 | 110 | debit | 0000-00-00 00:00:00 | 20000 |
+-----+-----+-----+-----+-----+-----+
30 rows in set (0.000 sec)

MariaDB [perbankan]> UPDATE cabang_bank
-> SET alamat_cabang = 'Jalan A Yani No.23'
-> WHERE kode_cabang = 'BRUW';
Query OK, 1 row affected (0.376 sec)
Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [perbankan]> select * from cabang_bank;
+-----+-----+-----+
| kode_cabang | nama_cabang | alamat_cabang |
+-----+-----+-----+
| BRUB | Bank Rut Unit 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 | Jalan A Yani No.23 |
| BRUY | Bank Rut Unit Yogyakarta | Jl. Anggrek 21 |
+-----+-----+-----+
6 rows in set (0.000 sec)

MariaDB [perbankan]> UPDATE nasabah
-> SET alamat_nasabah = 'Jalan Slamet Riyadi No.34'
-> WHERE nama_nasabah = 'Indri Hapsari';
Query OK, 1 row affected (0.118 sec)
Rows matched: 1 Changed: 1 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 |
| 7 | Indri Hapsari | Jalan Slamet Riyadi No.34 |
| 8 | Sari Murti | Jl. Pangandaran 11 |
| 9 | Canka Lokananta | Jl. Tidar 86 |
| 10 | Budi Murtono | Jl. Merak 22 |
+-----+-----+-----+
10 rows in set (0.000 sec)

MariaDB [perbankan]>
```

Command Prompt - mysql -u root -p

MariaDB [perbankan]> delete from nasabah where id\_nasabah=7;  
Query OK, 1 row affected (0.348 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          | 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            |

9 rows in set (0.000 sec)

MariaDB [perbankan]> delete from cabang\_bank where nama\_cabang='Bank Rut Unit Magelang';  
Query OK, 1 row affected (0.348 sec)

MariaDB [perbankan]> select \* from cabang\_bank;

| kode_cabang | nama_cabang              | alamat_cabang        |
|-------------|--------------------------|----------------------|
| BRUB        | Bank Rut Unit Boyolali   | Jl. Ahmad Yani 45    |
| BRUK        | Bank Rut Unit Klaten     | Jl. Suparman 23      |
| BRUS        | Bank Rut Unit Surakarta  | Jl. Slamet Riyadi 18 |
| BRUW        | Bank Rut Unit Wonogiri   | Jalan A Yani No.23   |
| BRUY        | Bank Rut Unit Yogyakarta | Jl. Anggrek 21       |

5 rows in set (0.000 sec)

MariaDB [perbankan]>

# Tugas

```
| alamat_nasabah | varchar(255) | NO | | NULL | |
+-----+-----+-----+-----+
3 rows in set (0.260 sec)

MariaDB [perbankan]> INSERT INTO nasabah VALUES(11, 'Rina', 'Jl. Prawirodigdoyo'),
-> (12, 'Dina', 'Jl. Dewa 12'),
-> (13, 'Sanchez', 'Jl. Whirlpool 07'),
-> (14, 'Nabila', 'Jl. Petruk 14'),
-> (15, 'Fauzia', 'Jl. Bagong 25'),
-> (16, 'Dessy', 'Jl. Awan 06'),
-> (17, 'Hilda', 'Jl. Mangga 5'),
-> (18, 'Xabiru', 'Jl. Cendol 11'),
-> (19, 'Afnan', 'Jl. Buaya 29'),
-> (20, 'Bagas', 'Jl. Kenangan 55');
Query OK, 10 rows affected (0.146 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 | Superman | Jl. Hasanudin 81 |
| 4 | Kartika Padmasari | Jl. Manggis 15 |
| 5 | Budi Eko Prayogo | Jalan Slamet Riyadi No.34 |
| 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 | Rina | Jl. Prawirodigdoyo |
| 12 | Dina | Jl. Dewa 12 |
| 13 | Sanchez | Jl. Whirlpool 07 |
| 14 | Nabila | Jl. Petruk 14 |
| 15 | Fauzia | Jl. Bagong 25 |
| 16 | Dessy | Jl. Awan 06 |
| 17 | Hilda | Jl. Mangga 5 |
| 18 | Xabiru | Jl. Cendol 11 |
| 19 | Afnan | Jl. Buaya 29 |
| 20 | Bagas | Jl. Kenangan 55 |
+-----+-----+-----+
10 rows in set (0.002 sec)

MariaDB [perbankan]>
```



```

MariaDB [perbankan]> INSERT INTO cabang_bank VALUES('BRUBA', 'Bank Rut Unit Bandung', 'Jl. Apel 6'),
-> ('BRUBE', 'Bank Rut Unit Bekasi', 'Jl. Alpukat 17'),
-> ('BRUD', 'Bank Rut Unit Depok', 'Jl. Alpukat 28'),
-> ('BRUT', 'Bank Rut Unit Tasikmalaya', 'Jl. Anggur 9'),
-> ('BRUSA', 'Bank Rut Unit Salatiga', 'Jl. Belimbing 10'),
-> ('BRUBAT', 'Bank Rut Unit Batu', 'Jl. Pepaya 111'),
-> ('BRUKE', 'Bank Rut Unit Kediri', 'Jl. Durian 121'),
-> ('BRUMO', 'Bank Rut Unit Mojokerto', 'Jl. Pisang 13'),
-> ('BRUL', 'Bank Rut Unit Lampung', 'Jl. Tomat 41'),
-> ('BRUKU', 'Bank Rut Unit Kupang', 'Jl. Mangga 55');
Query OK, 10 rows affected (0.177 sec)
Records: 10 Duplicates: 0 Warnings: 0

```

```

MariaDB [perbankan]> select * from cabang_bank;

```

| kode_cabang | nama_cabang               | alamat_cabang        |
|-------------|---------------------------|----------------------|
| BRUB        | Bank Rut Unit Boyolali    | Jl. Ahmad Yani 45    |
| BRUBA       | Bank Rut Unit Bandung     | Jl. Apel 6           |
| BRUBAT      | Bank Rut Unit Batu        | Jl. Pepaya 111       |
| BRUBE       | Bank Rut Unit Bekasi      | Jl. Alpukat 17       |
| BRUD        | Bank Rut Unit Depok       | Jl. Alpukat 28       |
| BRUK        | Bank Rut Unit Klaten      | Jl. Superman 23      |
| BRUKE       | Bank Rut Unit Kediri      | Jl. Durian 121       |
| BRUKU       | Bank Rut Unit Kupang      | Jl. Mangga 55        |
| BRUL        | Bank Rut Unit Lampung     | Jl. Tomat 41         |
| BRUMO       | Bank Rut Unit Mojokerto   | Jl. Pisang 13        |
| BRUS        | Bank Rut Unit Surakarta   | Jl. Slamet Riyadi 18 |
| BRUSA       | Bank Rut Unit Salatiga    | Jl. Belimbing 10     |
| BRUT        | Bank Rut Unit Tasikmalaya | Jl. Anggur 9         |
| BRUM        | Bank Rut Unit Wonogiri    | Jalan A. Yani No.23  |
| BRUY        | Bank Rut Unit Yogyakarta  | Jl. Anggrek 21       |

```

15 rows in set (0.001 sec)

```

```

MariaDB [perbankan]>

```

```

MariaDB [perbankan]> INSERT INTO rekening(rekening, kode_cabang, pin, saldo) VALUES
-> ('111', 'BRUB', '1111', 100000),
-> ('112', 'BRUBA', '1112', 120000),
-> ('113', 'BRUBAT', '1113', 130000),
-> ('114', 'BRUBE', '1114', 140000),
-> ('115', 'BRUD', '1115', 150000),
-> ('116', 'BRUK', '1116', 160000),
-> ('117', 'BRUKE', '1117', 170000),
-> ('118', 'BRUKU', '1118', 180000),
-> ('119', 'BRUL', '1119', 190000),
-> ('120', 'BRUMO', '1120', 200000),
-> ('121', 'BRUS', '1121', 210000),
-> ('122', 'BRUSA', '1122', 220000),
-> ('123', 'BRUT', '1123', 230000),
-> ('124', 'BRUM', '1124', 240000),
-> ('125', 'BRUY', '1125', 250000);
ERROR 1064 (42001): Unknown column 'kode_cabang' in 'Field list'
MariaDB [perbankan]> INSERT INTO rekening(rekening, kode_cabangPK, pin, saldo) VALUES
-> ('111', 'BRUB', '1111', 100000),
-> ('112', 'BRUBA', '1112', 120000),
-> ('113', 'BRUBAT', '1113', 130000),
-> ('114', 'BRUBE', '1114', 140000),
-> ('115', 'BRUD', '1115', 150000),
-> ('116', 'BRUK', '1116', 160000),
-> ('117', 'BRUKE', '1117', 170000),
-> ('118', 'BRUKU', '1118', 180000),
-> ('119', 'BRUL', '1119', 190000),
-> ('120', 'BRUMO', '1120', 200000),
-> ('121', 'BRUS', '1121', 210000),
-> ('122', 'BRUSA', '1122', 220000),
-> ('123', 'BRUT', '1123', 230000),
-> ('124', 'BRUM', '1124', 240000),
-> ('125', 'BRUY', '1125', 250000);
Query OK, 15 rows affected (0.138 sec)
Records: 15 Duplicates: 0 Warnings: 0

```

```

MariaDB [perbankan]> select * from rekening;

```

| rekening | kode_cabangPK | pin  | saldo  |
|----------|---------------|------|--------|
| 101      | BRUB          | 1111 | 100000 |
| 102      | BRUB          | 1112 | 120000 |
| 103      | BRUB          | 1113 | 130000 |
| 104      | BRUB          | 1114 | 140000 |
| 105      | BRUB          | 1115 | 150000 |
| 106      | BRUB          | 1116 | 160000 |
| 107      | BRUB          | 1117 | 170000 |
| 108      | BRUB          | 1118 | 180000 |
| 109      | BRUB          | 1119 | 190000 |
| 110      | BRUB          | 1120 | 200000 |
| 111      | BRUB          | 1121 | 210000 |
| 112      | BRUB          | 1122 | 220000 |
| 113      | BRUB          | 1123 | 230000 |
| 114      | BRUB          | 1124 | 240000 |



|    |    |     |        |                     |         |
|----|----|-----|--------|---------------------|---------|
| 11 | 1  | 101 | debit  | 0000-00-00-00-00-00 | 1000000 |
| 12 | 1  | 101 | debit  | 0000-00-00-00-00-00 | 100000  |
| 13 | 4  | 101 | credit | 0000-00-00-00-00-00 | 1000000 |
| 14 | 3  | 101 | debit  | 0000-00-00-00-00-00 | 100000  |
| 15 | 5  | 101 | credit | 0000-00-00-00-00-00 | 1000000 |
| 16 | 4  | 101 | credit | 0000-00-00-00-00-00 | 100000  |
| 17 | 3  | 101 | debit  | 0000-00-00-00-00-00 | 100000  |
| 18 | 5  | 101 | debit  | 0000-00-00-00-00-00 | 100000  |
| 19 | 10 | 101 | debit  | 0000-00-00-00-00-00 | 1000000 |
| 20 | 3  | 101 | credit | 0000-00-00-00-00-00 | 100000  |
| 21 | 3  | 101 | credit | 0000-00-00-00-00-00 | 1000000 |
| 22 | 3  | 101 | credit | 0000-00-00-00-00-00 | 1000000 |
| 23 | 5  | 101 | debit  | 0000-00-00-00-00-00 | 100000  |
| 24 | 1  | 101 | debit  | 0000-00-00-00-00-00 | 100000  |
| 25 | 3  | 101 | debit  | 0000-00-00-00-00-00 | 100000  |
| 26 | 4  | 101 | debit  | 0000-00-00-00-00-00 | 100000  |
| 27 | 3  | 101 | credit | 0000-00-00-00-00-00 | 1000000 |
| 28 | 5  | 101 | credit | 0000-00-00-00-00-00 | 1000000 |
| 29 | 3  | 101 | debit  | 0000-00-00-00-00-00 | 1000000 |
| 30 | 5  | 101 | debit  | 0000-00-00-00-00-00 | 100000  |
| 31 | 11 | 114 | debit  | 1000-12-00-00-00-00 | 1000000 |
| 32 | 13 | 114 | debit  | 1000-12-00-00-00-00 | 1000000 |
| 33 | 12 | 115 | credit | 1000-12-00-00-00-00 | 100000  |
| 34 | 12 | 115 | credit | 1000-12-00-00-00-00 | 100000  |
| 35 | 12 | 116 | debit  | 1000-12-00-00-00-00 | 1000000 |
| 36 | 13 | 116 | debit  | 1000-12-00-00-00-00 | 1000000 |
| 37 | 13 | 117 | credit | 1000-12-00-00-00-00 | 1000000 |
| 38 | 13 | 117 | credit | 1000-12-00-00-00-00 | 1000000 |
| 39 | 13 | 118 | debit  | 1000-12-00-00-00-00 | 1000000 |
| 40 | 13 | 118 | debit  | 1000-12-00-00-00-00 | 1000000 |
| 41 | 13 | 119 | credit | 1000-12-00-00-00-00 | 1000000 |
| 42 | 13 | 119 | credit | 1000-12-00-00-00-00 | 1000000 |
| 43 | 13 | 120 | debit  | 1000-12-00-00-00-00 | 1000000 |
| 44 | 17 | 120 | debit  | 1000-12-00-00-00-00 | 1000000 |
| 45 | 18 | 121 | credit | 1000-12-00-00-00-00 | 1000000 |
| 46 | 18 | 121 | credit | 1000-12-00-00-00-00 | 1000000 |
| 47 | 18 | 122 | debit  | 1000-12-00-00-00-00 | 1000000 |
| 48 | 18 | 122 | debit  | 1000-12-00-00-00-00 | 1000000 |
| 49 | 18 | 123 | credit | 1000-12-00-00-00-00 | 1000000 |
| 50 | 18 | 123 | credit | 1000-12-00-00-00-00 | 1000000 |

DB: 0000-12-00-00-00-00

DB: 0000-12-00-00-00-00