Ilyas Raihan Nadhif L200180119 E

Modul 5

Insert tabel nasabah

```
:\Users\pasha>cd C:\xampp\mysql\bin
 :\xampp\mysql\bin>mysql -u root -p
Enter password:
Welcome to the MariaDB monitor. Commands end with ; or \g.
Your MariaDB connection id is 10
Server version: 10.4.11-MariaDB mariadb.org binary distribution
 Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.
MariaDB [(none)]> use perbankan;
Database changed
MariaDB [perbankan]> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES (1,'Sutopo','Jl. Jendral Sudirman 12');
Query OK, 1 row affected (0.385 sec)
 ariaDB [perbankan]> SELECT * FROM nasabah;
  id_nasabah | nama_nasabah | alamat_nasabah
           1 | Sutopo | Jl. Jendral Sudirman 12 |
MariaDB [perbankan]> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES (2,'Maryati','Jl. MT. Haryono 31');
Query OK, 1 row affected (0.094 sec)
MariaDB [perbankan]> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES (3,'Suparman','Jl. Hasanudin 81');
Query OK, 1 row affected (0.081 sec)
MariaDB [perbankan]> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES (4,'Kartika Padmasari','Jl. Manggis 15');
Query OK, 1 row affected (6.104 sec)
 MariaOB [perbankan]> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES (5,'Budi Eko Prayogo','Jl. Kantil 30');
Query OK, 1 row affected (0.083 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 (0.047 sec)
MariaDB [perbankan]> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES (7,'Indri Hapsari','Jl. Sutoyo 5');
Query OK, 1 row affected (6.088 sec)
MariaDB [perbankan]> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES (8,'Sari Murti','Jl. Pangandaran 11');
Query OK, 1 row affected (0.081 sec)
 MariaDB [perbankan]> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES (9,'Canka Lokananta','Jl. Tidar 86');
Query OK, 1 row affected (0.153 sec)
 ariaOB [perbankan]> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES (10,'Budi Murtono','Jl. Merak 22');
wery OK, 1 row affected (0.064 sec)
  ariaDB [perbankan]> SELECT * FROM nasabah;
  id_nasabah | nama_nasabah | alamat_nasabah
             1 | Sutopo | Jl. Jendral Sudirman 12 | Maryati | Jl. MT. Haryono 31 | 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)
```

Insert table cabang bank

Insert table rekening

```
MariaOB [perbankan]> INSERT INTO rekening (no_rekening,kode_cabang,pin,saldo) VALUES (101,'BRUS',1111,500000);
ERROR 1054 (42522): Unknown column 'kode_cabang' in 'field list'
MariaOB [perbankan]> INSERT INTO rekening (no_rekening,kode_cabangFK,pin,saldo) VALUES (101,'BRUS',1111,500000);
Query OK, 1 row affected (0.104 sec)
 NariaOB [perbankan]> INSERT INTO rekening (no_rekening,kode_cabangFK,pin,saldo) VALUES (102,'BRUS',2222,350000);
Query OK, 1 row affected (0.090 sec)
MariaDB [perbankan]> INSERT INTO rekening (no_rekening,kode_cabangFK,pin,saldo) VALUES (102,'BRUS',3333,750000);
ERROR 1662 (23000): Duplicate entry '102' for key 'PRIMARY'
MariaDB [perbankan]> INSERT INTO rekening (no_rekening,kode_cabangFK,pin,saldo) VALUES (103,'BRUS',3333,750000);
Query OK, 1 row affected (0.088 sec)
MariaOB [perbankan]> INSERT INTO rekening (no_rekening,kode_cabangFK,pin,saldo) VALUES (104,'BRUM',4444,900000);
Query OK, 1 row affected (0.058 sec)
MariaDB [perbankan]> INSERT INTO rekening (no_rekening,kode_cabangFK,pin,saldo) VALUES (105,'BRUM',5555,2000000);
Query OK, 1 row affected (0.098 sec)
MariaDB [perbankan]> INSERT INTO rekening (no_rekening,kode_cabangFK,pin,saldo) VALUES (106,'BRUS',6666,3000000);
Query OK, 1 row affected (0.106 sec)
 tariaOB [perbankan]> INSERT INTO rekening (no_rekening,kode_cabangFK,pin,saldo) VALUES (107,'BRUS',7777,1000000);
Query OK, 1 row affected (0.113 sec)
MariaDB [perbankan]> INSERT INTO rekening (no_rekening,kode_cabangFK,pin,saldo) VALUES (108,'BRUB',0000,5000000);
Query OK, 1 row affected (0.083 sec)
MariaDB [perbankan]> INSERT INTO rekening (no_rekening,kode_cabangFK,pin,saldo) VALUES (109,'BRUB',9999,0);
Query OK, 1 row affected (0.093 sec)
MariaDB [perbankan]> INSERT INTO rekening (no_rekening,kode_cabangFK,pin,saldo) VALUES (110,'BRUY',1234,550000);
Query OK, 1 row affected (0.136 sec)
MariaDB [perbankan]> INSERT INTO rekening (no_rekening,kode_cabangFK,pin,saldo) VALUES (111,'BRUK',4321,150000);
Query OK, 1 row affected (0.095 sec)
MariaDB [perbankan]> INSERT INTO rekening (no_rekening,kode_cabangFK,pin,saldo) VALUES (112,'BRUK',0123,300000);
Query OK, 1 row affected (0.097 sec)
MariaDB [perbankan]> INSERT INTO rekening (no_rekening,kode_cabangFK,pin,saldo) VALUES (113,'BRUY',8888,255000);
Query OK, 1 row affected (0.075 sec)
 ariaDB [perbankan]> SELECT * FROM rekening;
  no_rekening | kode_cabangFK | pin | saldo
                                                2222
3333
4444
5555
6666
7777
0
9999
1234
4321
123
   rows in set (0.000 sec)
 ariaDB [perbankan]>
```

Insert table nasabah_has_rekening

```
MariaDB [perbankan]> INSERT INTO nasabah_has_rekening (id_nasabahFK,no_rekeningFK) VALUES (1,104);
Query OK, 1 row affected (0.163 sec)
MariaDB [perbankan]> INSERT INTO nasabah_has_rekening (id_nasabahFK,no_rekeningFK) VALUES (2,103);
Query OK, 1 row affected (0.083 sec)
MariaOB [perbankan]> INSERT INTO nasabah_has_rekening (id_nasabahFK,no_rekeningFK) VALUES (3,105);
Query OK, 1 row affected (0.098 sec)
 MariaDB [perbankan]> INSERT INTO nasabah_has_rekening (id_nasabahFK,no_rekeningFK) VALUES (3,106);
Query OK, 1 row affected (0.087 sec)
MariaDB [perbankan]> INSERT INTO nasabah_has_rekening (id_nasabahFK,no_rekeningFK) VALUES (4,101);
Query OK, 1 row affected (0.045 sec)
MariaDB [perbankan]> INSERT INTO nasabah_has_rekening (id_nasabahFK,no_rekeningFK) VALUES (4,107);
Query OK, 1 row affected (0.090 sec)
 MariaDB [perbankan]> INSERT INTO nasabah_has_rekening (id_nasabahFK,no_rekeningFK) VALUES (5,102);
Query OK, 1 row affected (0.085 sec)
 MariaDB [perbankan]> INSERT INTO nasabah_has_rekening (id_nasabahFK,no_rekeningFK) VALUES (5,107);
Query OK, 1 row affected (0.088 sec)
 ariaDB [perbankan]> INSERT INTO nasabah_has_rekening (id_nasabahFK,no_rekeningFK) VALUES (6,109);
uery OK, 1 row affected (0.087 sec)
MariaOB [perbankan]> INSERT INTO nasabah_has_rekening (id_nasabahFK,no_rekeningFK) VALUES (7,109);
Query OK, 1 row affected (0.089 sec)
MariaDB [perbankan]> INSERT INTO nasabah_has_rekening (id_nasabahFK,no_rekeningFK) VALUES (8,111);
Query OK, 1 row affected (0.073 sec)
MariaDB [perbankan]> INSERT INTO nasabah_has_rekening (id_nasabahFK,no_rekeningFK) VALUES (9,110);
Query OK, 1 row affected (0.108 sec)
 MariaDB [perbankan]> INSERT INTO nasabah_has_rekening (id_nasabahFK,no_rekeningFK) VALUES (10,113);
Query OK, 1 row affected (0.083 sec)
MariaOB [perbankan]> INSERT INTO nasabah_has_rekening (id_nasabahFK,no_rekeningFK) VALUES (8,112);
Query OK, 1 row affected (0.101 sec)
MariaDB [perbankan]> INSERT INTO nasabah_has_rekening (id_nasabahFK,no_rekeningFK) VALUES (10,108);
Query OK, 1 row affected (0.102 sec)
 ariaDB [perbankan]> SELECT * FROM nasabah_has_rekening;
  id_nasabahFK | no_rekeningFK |
 MariaDB [perbankan]>
```

Insert table 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);
Query OK, 1 row affected (0.090 sec)
MariaDB [perbankan]> INSERT INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (2,103,2,'debit','2009-11-10',40000);
Query OK, 1 row affected (0.091 sec)
 lariaDB [perbankan]> INSERT INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (3,101,4,'kredit','2009-11-12',20000);
Query OK, 1 row affected (0.081 sec)
 ariaDB [perbankan]> INSERT INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (4,106,3,'debit','2009-11-13',50000);
uerv OK. 1 row affected (0.086 sec)
MariaDB [perbankan]> INSERT INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (5,107,5,'kredit','2009-11-13',30000);
Query OK, 1 row affected (0.089 sec)
MariaDB [perbankan]> INSERT INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (6,104,1,'kredit','2009-11-15',200000);
Query OK, 1 row affected (0.321 sec)
 MariaDB [perbankan]> INSERT INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (7,110,9,'kredit','2009-11-15',150000);
Query OK, 1 row affected (0.000 sec)
 ariaDB [perbankan]> INSERT INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (8,102,5,'debit','2009-11-16',20000);
uery OK. 1 row affected (0.082 sec)
 ariaDB [perbankan]>
ariaDB [perbankan]> INSERT INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (9,105,3,'kredit','2009-11-18',50000);
uery OK, 1 row affected (0.084 sec)
MariaDB [perbankan]> INSERT INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (10,107,4,'debit','2009-11-19',100000);
Query OK, 1 row affected (0.079 sec)
 ariaOB [perbankan]> INSERT INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (11,103,2'debit','2009-11-19',100000);
RROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaOB server version for the right syntax to use near ''debit','24
 RROR 1664 (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 ''debit' 19-11-19', 100000' at line 1 lariaDB [perbankan]> INSERT INTO transaksi (no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (11,103,2,'debit','2009-11-19',100000); uery OK, 1 row affected (0.083 sec)
MariaDB [perbankan]> INSERT INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (12,104,1,'debit','2009-11-19',50000);
Query OK, 1 row affected (0.085 sec)
MariaDB [perbankan]> INSERT INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (13,107,4,'kredit','2009-11-20',200000);
Query OK, 1 row affected (0.108 sec)
 ariaOB [perbankan]> INSERT INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (14,105,3,'debit','2009-11-21',40000);
uery OK, 1 row affected (0.095 sec)
MariaOB [perbankan]> INSERT INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (15,104,1,'kredit','2009-11-22',100000);
Query OK, 1 row affected (0.100 sec)
 lariaDB [perbankan]> INSERT INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (16,101,4,'kredit','2009-11-22',20000);
Query OK, 1 row affected (0.079 sec)
 ariaOB [perbankan]> INSERT INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (17,103,2,'debit','2009-11-22',50000);
uerv OK. 1 row affected (0.069 sec)
 ariaOB [perbankan]> INSERT INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (18,102,5,'debit','2009-11-25',50000);
uery OK, 1 row affected (0.062 sec)
MariaDB [perbankan]> INSERT INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (19,108,10,'debit','2009-11-26',100000);
Query OK, 1 row affected (0.076 sec)
 dariaDB [perbankan]> INSERT INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (20,106,3,'kredit','2009-11-27',50000);
Query OK, 1 row affected (0.078 sec)
MariaDB [perbankan]> INSERT INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (21,103,2,'kredit','2009-11-28',200000);
Duery OK. 1 row affected (0.028 sec)
MariaDB [perbankan]> INSERT INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (22,105,3,'kredit','2009-11-28',100000);
Query OK, 1 row affected (0.069 sec)
MariaOB [perbankan]> INSERT INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (23,102,5,'debit','2009-11-30',20000);
Query OK, 1 row affected (0.101 sec)
MariaDB [perbankan]> INSERT INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (24,104,1,'debit','2009-12-1',50000);
Query OK, 1 row affected (0.036 sec)
 ariaOB [perbankan]> INSERT INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (25,103,2,'debit','2009-12-2',40000);
uerv OK. 1 row affected (0.075 sec)
  ariaOB [perbankan]> INSERT INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (26,101,4,'debit','2009-12-4',50000);
uery OK, 1 row affected (0.297 sec)
 ariaDB [perbankan]> INSERT INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (27,103,2,'kredit','2009-12-5',100000);
uery OK, 1 row affected (0.039 sec)
```

```
HariaDB [perbankan]> INSERI INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (28,102,5, 'kredit','2009-12-5',200000);

VariaDB [perbankan]> INSERI INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (29,109,7,'debit','2009-12-5',100000);

VariaDB [perbankan]> INSERI INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (30,110,9,'debit','2009-12-6',20000);

VariaDB [perbankan]> INSERI INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (30,110,9,'debit','2009-12-6',20000);

VariaDB [perbankan]> INSERI INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (30,110,9,'debit','2009-12-6',20000);

VariaDB [perbankan]> INSERI INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (30,110,9,'debit','2009-12-6',20000);

Valuery OK, 1 row affected (0.070 sec)

Valuery OK, 1 row affect
```

Update nasabah dan cabang bank

```
HarriaDB [perbankan]> UPDATE nasabah SET alamat_nasabah = 'Jalan Jenderal Sudirman No. 12' MHERE nama_nasabah = 'Indri Hapsari';

Query OK, 1 row affected (0.807 sec)
Rows matched: 1 changed: 1 Marnings: 0

HarriaDB [perbankan]> SELECT * FROM nasabah;

| Id_nasabah | nama_nasabah | alamat_nasabah |
| 1 | Sutopo | 1]. Jondral Sudirman 12 |
| 2 | Maryati | 2]. Mir Haryono 31 |
| 3 | Suparman | 1]. Hasanudin 81 |
| 4 | Kartika Padmasari 3]. Manggis 15 |
| 5 | Budi tko Prayogo | 1]. Kantil 30 |
| 6 | Satria Eka Jaya | 1]. Silamet Riyadi 45 |
| 7 | Indri Hapsari | 3alan Jenderal Sudirman No. 12 |
| 9 | Garka Lokananta | 1]. Hasanudin 81 |
| 1 | Sudi Nutrono | 1]. Merak 22 |
| 10 | Oarka Lokananta | 1]. Merak 22 |
| 10 | Oarka Lokananta | 1]. Haga Be 11 |
| 10 | Budi Nutrono | 2]. Merak 22 |
| 10 | Foros in set (0.000 Sec) |
| MariaDB [perbankan]> UPDATE cabang_bank SET alamat_nasabah - 'Jalan A. Yani No. 23' MHERE kode_cabang - 'BRUM';
| ROWS matched: 1 Changed: 1 Marnings: 0 |
| MariaDB [perbankan] SELECT * FROM cabang_bank; |
| Kode_cabang | nama_cabang | alamat_cabang | alamat_cabang |
| BBUW | Bank Rut Unit Mayalant | 1]. Suparman 23 |
| BBUW | Bank Rut Unit Magelang | 1]. P. Tendean 63 |
| BBUW | Bank Rut Unit Magelang | 1]. P. Tendean 63 |
| BBUW | Bank Rut Unit Surakarta | 1]. Signarman 23 |
| BBUW | Bank Rut Unit Magelang | 1]. P. Tendean 63 |
| BBUW | Bank Rut Unit Magelang | 1]. P. Tendean 63 |
| BBUW | Bank Rut Unit Magelang | 1]. Angerek 21 |
| BBUW | Bank Rut Unit Magelang | 1]. P. Tendean 63 |
| BBUW | Bank Rut Unit Magelang | 1]. Angerek 21 |
| 6 Fows In set (0.000 sec)
```

Delete nasabah dan cabang bank

```
HariaDB [perbankan]> DELETE FROM nasabah WHERE id_nasabah = 7;
Query OK, 1 row affected (1.687 sec)

MariaDB [perbankan]> SELECT * FROM nasabah;

| id_nasabah | nama_nasabah | alamat_nasabah |
| id_nasabah | nama_nasabah | nama_nasabah | nama_nasabah |
| id_nasabah | nama_nasabah | nama_n
```

Insert table nasabah

```
| MariaDB | [perbankan] | INSERT | MITO masabah (id_masabah,nama_masabah,alamat_masabah) | VALUES (12, 'Ulia', 'Wonogiri');
| Ouery OK, 1 row affected (0.087 sec) |
| MariaDB | [perbankan] | INSERT | MITO masabah (id_masabah,nama_masabah,alamat_masabah) | VALUES (14, 'Chaterina', 'Wonogiri');
| Ouery OK, 1 row affected (0.082 sec) |
| MariaDB | [perbankan] | INSERT | MITO masabah (id_masabah,nama_masabah,alamat_masabah) | VALUES (14, 'Chaterina', 'Wonogiri');
| Ouery OK, 1 row affected (0.082 sec) |
| MariaDB | [perbankan] | INSERT | MITO masabah (id_masabah,nama_masabah,alamat_masabah) | VALUES (15, 'Siti', 'Wonogiri');
| Ouery OK, 1 row affected (0.082 sec) |
| MariaDB | [perbankan] | INSERT | MITO masabah (id_masabah,nama_masabah,alamat_masabah) | VALUES (16, 'Sinatun', 'Wonogiri');
| Ouery OK, 1 row affected (0.083 sec) |
| MariaDB | [perbankan] | INSERT | MITO masabah (id_masabah,nama_masabah,alamat_masabah) | VALUES (17, 'Wanifah', 'Solo');
| Ouery OK, 1 row affected (0.085 sec) |
| MariaDB | [perbankan] | INSERT | MITO masabah (id_masabah,nama_masabah,alamat_masabah) | VALUES (18, 'Oaman', 'Solo');
| Ouery OK, 1 row affected (0.085 sec) |
| MariaDB | [perbankan] | INSERT | MITO masabah (id_masabah,nama_masabah,alamat_masabah) | VALUES (18, 'Saidah', 'Solo');
| Ouery OK, 1 row affected (0.085 sec) |
| MariaDB | [perbankan] | INSERT | MITO masabah (id_masabah,nama_masabah,alamat_masabah) | VALUES (18, 'Saidah', 'Solo');
| Ouery OK, 1 row affected (0.085 sec) |
| MariaDB | [perbankan] | INSERT | MITO masabah (id_masabah,nama_masabah,alamat_masabah) | VALUES (18, 'Saidah', 'Solo');
| Ouery OK, 1 row affected (0.085 sec) |
| MariaDB | [perbankan] | INSERT | MITO masabah (id_masabah,nama_masabah,alamat_masabah) | VALUES (18, 'Saidah', 'Solo');
| Ouery OK, 1 row affected (0.085 sec) | INSERT | MITO masabah (id_masabah,nama_masabah,alamat_masabah) | VALUES (18, 'Saidah', 'Solo');
| Ouery OK, 1 row affected (0.085 sec) | INSERT | MITO masabah (id_masabah,nama_masabah,alamat_masabah) | VALUES (18, 'Saidah', 'Solo'
```

Insert table cabang bank

```
MariaDB (perbankan): INSERT INTO cabang_bank (kode_cabang,nama_cabang,alamat_cabang) VALUES ('BRUP', 'Bank Rut Unit Jakarta','Jakarta');

Query OK, 1 row affected (0.902 sec)

MariaDB (perbankan): INSERT INTO cabang_bank (kode_cabang,nama_cabang,alamat_cabang) VALUES ('BRUP', 'Bank Rut Unit Rembang', 'Rembang');

Query OK, 1 row affected (0.908 sec)

MariaDB (perbankan): INSERT INTO cabang_bank (kode_cabang,nama_cabang,alamat_cabang) VALUES ('BRUL', 'Bank Rut Unit Lamongan', 'Lamongan');

Query OK, 1 row affected (0.908 sec)

MariaDB (perbankan): INSERT INTO cabang_bank (kode_cabang,nama_cabang,alamat_cabang) VALUES ('BRUL', 'Bank Rut Unit Aceh', 'Aceh');

Query OK, 1 row affected (0.104 sec)

MariaDB (perbankan): INSERT INTO cabang_bank (kode_cabang,nama_cabang,alamat_cabang) VALUES ('BRUL', 'Bank Rut Unit Aceh', 'Aceh');

Query OK, 1 row affected (0.205 sec)

MariaDB (perbankan): INSERT INTO cabang_bank (kode_cabang,nama_cabang,alamat_cabang) VALUES ('BRUL', 'Bank Rut Unit Gorontalo');

Query OK, 1 row affected (0.205 sec)

MariaDB (perbankan): INSERT INTO cabang_bank (kode_cabang,nama_cabang,alamat_cabang) VALUES ('BRUL','Bank Rut Unit Calang','Calang');

Query OK, 1 row affected (0.105 sec)

MariaDB (perbankan): INSERT INTO cabang_bank (kode_cabang,nama_cabang,alamat_cabang) VALUES ('BRUL','Bank Rut Unit Takengon','Takengon');

Query OK, 1 row affected (0.105 sec)

MariaDB (perbankan): INSERT INTO cabang_bank (kode_cabang,nama_cabang,alamat_cabang) VALUES ('BRUL','Bank Rut Unit INT','Musa Tenggara Timur');

Query OK, 1 row affected (0.105 sec)

MariaDB (perbankan): INSERT INTO cabang_bank (kode_cabang,nama_cabang,alamat_cabang) VALUES ('BRUL','Bank Rut Unit INT','Musa Tenggara Timur');

Query OK, 1 row affected (0.105 sec)

MariaDB (perbankan): INSERT INTO cabang_bank (kode_cabang,nama_cabang,alamat_cabang) VALUES ('BRUL','Bank Rut Unit INT','Musa Tenggara Timur');

Query OK, 1 row affected (0.105 sec)

MariaDB (perbankan): INSERT INTO cabang_bank (kode_cabang,nama_cabang,alamat_cabang) VALUES ('BRUL','Bank
```

Insert table rekening

```
MariaOB [(none)]> Use perbankan;
Oatabase changed
MariaOB [perbankan]> INSERT INTO rekening (no_rekening,kode_cabangFK,pin,saldo) VALUES (114,BRUA,2345,500000);
ERROR 1054 (42522): Unknown column 'BRUA' in 'field list'
MariaOB [perbankan]> INSERT INTO rekening (no_rekening,kode_cabangFK,pin,saldo) VALUES (114,'BRUA',2345,500000);
Query OK, 1 row affected (0.063 sec)
  MariaDB [perbankan]> INSERT INTO rekening (no_rekening,kode_cabangFK,pin,saldo) VALUES (115,'BRUN',5345,100000);
Query OK, 1 row affected (0.052 sec)
  MariaDB [perbankan]> INSERT INTO rekening (no_rekening,kode_cabangFK,pin,saldo) VALUES (116,'BRUJ',5395,900000);
Query OK, 1 row affected (0.120 sec)
 MariaDB [perbankan]> INSERT INTO rekening (no_rekening,kode_cabangFK,pin,saldo) VALUES (117,'BRUK',5394,560000);
Query OK, 1 row affected (0.090 sec)
MariaDB [perbankan]> INSERT INTO rekening (no_rekening,kode_cabangFK,pin,saldo) VALUES (118,'BRUL',5332,890000);
Query OK, 1 row affected (0.085 sec)
MariaDB [perbankan]> INSERT INTO rekening (no_rekening,kode_cabangFK,pin,saldo) VALUES (119,'BRUM',5123,230000);
Query OK, 1 row affected (0.094 sec)
    ariaDB [perbankan]> INSERT INTO rekening (no_rekening,kode_cabangFK,pin,saldo) VALUES (120,'BRUY',3243,600000);
uery OK, 1 row affected (0.088 sec)
MariaDB [perbankan]> INSERT INTO rekening (no_rekening,kode_cabangFK,pin,saldo) VALUES (120,'BRUY',1233,750000);
ERROR 1062 (23000): Duplicate entry '120' for key 'PRIMARY'
MariaDB [perbankan]> INSERT INTO rekening (no_rekening,kode_cabangFK,pin,saldo) VALUES (121,'BRUN',1233,750000);
Query OK, 1 row affected (0.085 sec)
  MariaDB [perbankan]> INSERT INTO rekening (no_rekening,kode_cabangFK,pin,saldo) VALUES (122,'BRUB',1457,670000);
Query OK, 1 row affected (0.088 sec)
  MariaDB [perbankan]> INSERT INTO rekening (no_rekening,kode_cabangFK,pin,saldo) VALUES (123,'BRUW',1534,320000);
Query OK, 1 row affected (0.073 sec)
MariaDB [perbankan]> SELECT * FROM rekening;
      no_rekening | kode_cabangFK | pin | saldo
                                101 | BRUS | BRUS | 103 | BRUS | 104 | BRUM | 105 | BRUM | 106 | BRUM | 106 | BRUS | 108 | BRUB | 110 | BRUM | 111 | BRUM | 111 | BRUM | 112 | BRUM | 113 | BRUM | 115 | BRUM | 116 | BRUM | 117 | BRUM | 117 | BRUM | 118 | BRUM | 119 | BRUM | 119 | BRUM | 110 | BRUM | 110 | BRUM | 110 | BRUM | 111 | BRUM | 112 | BRUM 
                                                                                                         1111 | 1
2222 | 3
3333 | 4444 | 5555 | 6666 | 7777 | 1
9 | 9999 | 1234 | 4321 | 123 | 8888 | 2345 | 5345 | 5345 | 5395 | 5394 | 5332 | 5123 | 3243 | 1233 | 1457 | 1534 | 1534 | 1
                                                                                                                                 rows in set (0.073 sec)
```

Insert table nasabah_has_rekening

Insert table transaksi

```
MariaDB [perbankan]> INSERT INTO transaksi (no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (32, 115, 12,'debit','2020-03-26',100000);
Query OK, 1 row affected (0.130 sec)
 ariaOB [perbankan]> INSERT INTO transaksi (no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (33, 116, 13,'debit','2020-03-26',430000);
uery OK, 1 row affected (0.102 sec)
 MariaDB [perbankan]> INSERT INTO transaksi (no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (34, 117, 14,'debit','2020-03-27',4650000);
Juery OK, 1 row affected (0.066 sec)
 ariaDB [perbankan]> INSERT INTO transaksi (no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (35, 118, 15,'debit','2020-03-27',7890000);
uery OK, 1 row affected (0.098 sec)
 MariaDB [perbankan]> INSERT INTO transaksi (no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (36, 118, 15,'kredit','2020-03-28',7890000);
Query OK, 1 row affected (0.132 sec)
 tariaDB [perbankan]> INSERT INTO transaksi (no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (37, 117, 14,'kredit','2020-03-28',4650000);
Query OK, 1 row affected (0.101 sec)
 ariaDB [perbankan]> INSERT INTO transaksi (no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (38, 116, 13,'kredit','2020-03-28',430000);
uery OK, 1 row affected (0.110 sec)
 ariaOB [perbankan]> INSERT INTO transaksi (no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (39, 115, 12,'kredit','2020-03-28',100000);
uery OK, 1 row affected (0.109 sec)
  ariaD8 [perbankan]> INSERT INTO transaksi (no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (40, 114, 11,'kredit','2020-03-28',90000);
uery OK, 1 row affected (0.106 sec)
 MariaDB [perbankan]> INSERT INTO transaksi (no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (41, 119, 16,'debit','2020-03-29',100000);
Query OK, 1 row affected (0.111 sec)
 dariaDB [perbankan]> INSERT INTO transaksi (no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (42, 119, 16,'kredit','2020-03-30',100000);
Duery OK, 1 row affected (0.077 sec)
 NariaDB [perbankan]> INSERT INTO transaksi (no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (43, 120, 17,'debit','2020-03-30',200000);
(Dury OK, 1 row affected (0.278 sec)
 MariaDB [perbankan]> INSERT INTO transaksi (no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (44, 120, 17,'kredit','2020-03-31',200000);
Query OK, 1 row affected (0.069 sec)
MariaDB [perbankan]> INSERT INTO transaksi (no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (45, 121, 18,'debit','2020-03-31',300000);
Query OK, 1 row affected (0.089 sec)
Command Prompt - mysql -u root -p
                                                                                                                                                                                                                                         O
 MariaDB [perbankan]> INSERT INTO transaksi (no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (46, 121, 18,'kredit','2020-04-01',300000);
Query OK, 1 row affected (6.076 sec)
 ariaDB [perbankan]> INSERT INTO transaksi (no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (47, 122, 19,'debit','2020-04-01',400000);
uery OK, 1 row affected (0.078 sec)
 ariaDB [perbankan]> INSERT INTO transaksi (no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (48, 122, 19,'kredit','2020-04-02',400000);
uery OK, 1 row affected (0.312 sec)
 MariaDB [perbankan]> INSERT INTO transaksi (no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (49, 122, 19,'debit','2020-04-02',500000);
Query OK, 1 row affected (0.089 sec)
 dariaOB [perbankan]> INSERT INTO transaksi (no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (50, 123, 20,'kredit','2020-04-03',500000);
Query OK, 1 row affected (6.055 sec)
 ariaDB [perbankan]> SELECT * FROM transaksi:
                                                                                              tanggal

2009-11-10 00:00:00
2009-11-10 00:00:00
2009-11-11 00:00:00
2009-11-13 00:00:00
2009-11-13 00:00:00
2009-11-15 00:00:00
2009-11-15 00:00:00
2009-11-15 00:00:00
2009-11-18 00:00:00
2009-11-19 00:00:00
2009-11-19 00:00:00
2009-11-19 00:00:00
2009-11-19 00:00:00
2009-11-19 00:00:00
2009-11-20 00:00:00
2009-11-20 00:00:00
2009-11-22 00:00:00
2009-11-22 00:00:00
2009-11-25 00:00:00
2009-11-25 00:00:00
2009-11-25 00:00:00
2009-11-27 00:00:00
2009-11-27 00:00:00
                                                                    debit
debit
kredit
debit
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debit
kredit
debit
kredit
debit
                                                                                                                                50000
40000
20000
50000
30000
200000
150000
100000
100000
100000
100000
100000
200000
50000
50000
50000
                                                             105
103
101
106
107
104
110
105
107
103
104
107
105
104
101
103
104
                 4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
```

		103	kredit	2009-11-28 00:00:00	200000
22		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
		103	debit	2009-12-02 00:00:00	40000
26	4	101	debit	2009-12-04 00:00:00	50000
	2	103	kredit	2009-12-05 00:00:00	100000
28	5 j	102	kredit	2009-12-05 00:00:00	200000
29		109	debit	2009-12-05 00:00:00	100000
30	9 j	110 j	debit	2009-12-06 00:00:00	20000
31	11	114	debit	2020-03-26 00:00:00	90000
32	12	115	debit	2020-03-26 00:00:00	100000
33	13 İ	116	debit	2020-03-26 00:00:00	430000
34	14	117 i	debit	2020-03-27 00:00:00	4650000
35	15	118	debit	2020-03-27 00:00:00	7890000
36	15	118	kredit	2020-03-28 00:00:00	7890000
37	14 i	117 İ	kredit	2020-03-28 00:00:00	4650000
38	13	116 İ	kredit	2020-03-28 00:00:00	430000
39 j	12	115	kredit	2020-03-28 00:00:00	100000
40	11	114 j	kredit	2020-03-28 00:00:00	90000
41	16	119	debit	2020-03-29 00:00:00	100000
42	16		kredit	2020-03-30 00:00:00	100000
43	17	120	debit	2020-03-30 00:00:00	200000
44	17	120	kredit	2020-03-31 00:00:00	200000
45	18	121	debit	2020-03-31 00:00:00	300000
46	18	121	kredit	2020-04-01 00:00:00	300000
47	19	122	debit	2020-04-01 00:00:00	400000
48	19	122	kredit	2020-04-02 00:00:00	400000
49	19	122	debit	2020-04-02 00:00:00	500000
50	20		kredit	2020-04-03 00:00:00	500000

MariaDB [perbankan]>