

DATABASE SYSTEMS
PRACTICUM 5



By: Motwkel

Adam

NIM: L200184220

INFORMATION TECHNOLOGY
FACULTY OF COMMUNICATION AND
INFORMATICS UNIVERSITY OF MUHAMMADIYAH
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1. Activity

```
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)

MariaDB [perbankan]> SELECT * FROM nasabah;
+-----+-----+-----+
| id_nasabah | nama_nasabah | alamat_nasabah |
+-----+-----+-----+
| 1 | Sutopo | Jl. Jendral Sudirman 12 |
+-----+-----+-----+
1 row in set (0.000 sec)

MariaDB [perbankan]> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES (2,'Maryati','Jl. MT. Haryono 31');
Query OK, 1 row affected (0.094 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 (0.104 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 (0.083 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 (0.088 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)

MariaDB [perbankan]> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES (10,'Budi Murtono','Jl. Merak 22');
Query OK, 1 row affected (0.064 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]>
```

Insert table nasabah

```

MariaDB [perbankan]>
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 (0.208 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 (0.092 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 (0.097 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 (0.089 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 (0.089 sec)

MariaDB [perbankan]> INSERT INTO cabang_bank (kode_cabang,nama_cabang,alamat_cabang) VALUES ('BRUW','Bank Rut Unit Wonogiri','Jl. Untung Suropati 12');
Query OK, 1 row affected (0.102 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 | Jl. Untung Suropati 12 |
| BRUY        | Bank Rut Unit Yogyakarta | Jl. Anggrek 21     |
+-----+-----+-----+
6 rows in set (0.000 sec)

MariaDB [perbankan]>

```

Insert table cabang_bank

```

MariaDB [perbankan]> INSERT INTO rekening (no_rekening,kode_cabang,pin,saldo) VALUES (101,'BRUS',1111,500000);
ERROR 1054 (42S22): Unknown column 'kode_cabang' in 'field list'
MariaDB [perbankan]> INSERT INTO rekening (no_rekening,kode_cabangFK,pin,saldo) VALUES (101,'BRUS',1111,500000);
Query OK, 1 row affected (0.104 sec)

MariaDB [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 1062 (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)

MariaDB [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)

MariaDB [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)

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```

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]>

```

Insert table 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)

MariaDB [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)

MariaDB [perbankan]> INSERT INTO nasabah_has_rekening (id_nasabahFK,no_rekeningFK) VALUES (6,109);
Query OK, 1 row affected (0.087 sec)

MariaDB [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)

MariaDB [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)

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]>

```

Insert table nasabah_has_rekening

```

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)

MariaDB [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)

MariaDB [perbankan]> INSERT INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (4,106,3,'debit','2009-11-13',50000);
Query 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',20000);
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 (0.080 sec)

MariaDB [perbankan]> INSERT INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (8,102,5,'debit','2009-11-16',20000);
Query OK, 1 row affected (0.082 sec)

MariaDB [perbankan]>
MariaDB [perbankan]> INSERT INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (9,105,3,'kredit','2009-11-18',50000);
Query 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)

MariaDB [perbankan]> INSERT INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (11,103,2,'debit','2009-11-19',100000);
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 ''debit','2009-11-19',100000)' at line 1
MariaDB [perbankan]> INSERT INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (11,103,2,'debit','2009-11-19',100000);
Query 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)

MariaDB [perbankan]> INSERT INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (14,105,3,'debit','2009-11-21',40000);
Query OK, 1 row affected (0.095 sec)

MariaDB [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)

MariaDB [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)

MariaDB [perbankan]> INSERT INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (17,103,2,'debit','2009-11-22',50000);
Query OK, 1 row affected (0.069 sec)

MariaDB [perbankan]> INSERT INTO transaksi ( no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (18,102,5,'debit','2009-11-25',50000);
Query 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)

MariaDB [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);
Query 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)

MariaDB [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)

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 (0.075 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 (0.297 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 (0.039 sec)

```

Insert table transaksi


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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 (0.079 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 (0.070 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 (0.077 sec)

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 |
+-----+-----+-----+-----+-----+-----+

```

Insert table transaksi

```

MariaDB [perbankan]> UPDATE nasabah SET alamat_nasabah = 'Jalan Jenderal Sudirman No. 12' WHERE nama_nasabah = 'Indri Hapsari';
Query OK, 1 row affected (0.097 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 Jenderal Sudirman No. 12 |
| 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]> UPDATE cabang_bank SET alamat_nasabah = 'Jalan A. Yani No. 23' WHERE kode_cabang = 'BRUW';
ERROR 1054 (42S22): Unknown column 'alamat_nasabah' in 'field list'
MariaDB [perbankan]> UPDATE cabang_bank SET alamat_cabang = 'Jalan A. Yani No. 23' WHERE kode_cabang = 'BRUW';
Query OK, 1 row affected (0.348 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 dan cabang_bank

```

MariaDB [perbankan]>
MariaDB [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 |
+-----+-----+-----+
| 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 (0.122 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]>
MariaDB [perbankan]>

```

Delete nasabah dan cabang_bank

2 Assignment


```

MariaDB [perbankan]> INSERT INTO nasabah (id_nasabah,nama_nasabah,alamat_nasabah) VALUES (12,'Dila','Wonogiri');
Query OK, 1 row affected (0.087 sec)

MariaDB [perbankan]> INSERT INTO nasabah (id_nasabah,nama_nasabah,alamat_nasabah) VALUES (13,'Retno','Wonogiri');
Query OK, 1 row affected (0.099 sec)

MariaDB [perbankan]> INSERT INTO nasabah (id_nasabah,nama_nasabah,alamat_nasabah) VALUES (14,'Chaterina','Wonogiri');
Query OK, 1 row affected (0.082 sec)

MariaDB [perbankan]> INSERT INTO nasabah (id_nasabah,nama_nasabah,alamat_nasabah) VALUES (15,'Siti','Wonogiri');
Query OK, 1 row affected (0.082 sec)

MariaDB [perbankan]> INSERT INTO nasabah (id_nasabah,nama_nasabah,alamat_nasabah) VALUES (16,'Srinatun','Wonogiri');
Query OK, 1 row affected (0.085 sec)

MariaDB [perbankan]> INSERT INTO nasabah (id_nasabah,nama_nasabah,alamat_nasabah) VALUES (17,'Hanifah','Solo');
Query OK, 1 row affected (0.333 sec)

MariaDB [perbankan]> INSERT INTO nasabah (id_nasabah,nama_nasabah,alamat_nasabah) VALUES (18,'Damar','Solo');
Query OK, 1 row affected (0.088 sec)

MariaDB [perbankan]> INSERT INTO nasabah (id_nasabah,nama_nasabah,alamat_nasabah) VALUES (19,'Rohana','Solo');
Query OK, 1 row affected (0.096 sec)

MariaDB [perbankan]> INSERT INTO nasabah (id_nasabah,nama_nasabah,alamat_nasabah) VALUES (20,'Saidah','Solo');
Query OK, 1 row affected (0.087 sec)

MariaDB [perbankan]>

```

```

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 | Pasha | Wonogiri |
| 12 | Dila | Wonogiri |
| 13 | Retno | Wonogiri |
| 14 | Chaterina | Wonogiri |
| 15 | Siti | Wonogiri |
| 16 | Srinatun | Wonogiri |
| 17 | Hanifah | Solo |
| 18 | Damar | Solo |
| 19 | Rohana | Solo |
| 20 | Saidah | Solo |
+-----+-----+-----+
19 rows in set (0.001 sec)

MariaDB [perbankan]>

```

Insert table nasabah

```

MariaDB [perbankan]> INSERT INTO cabang_bank (kode_cabang,nama_cabang,alamat_cabang) VALUES ('BRUJ','Bank Rut Unit Jakarta','Jakarta');
Query OK, 1 row affected (0.095 sec)

MariaDB [perbankan]> INSERT INTO cabang_bank (kode_cabang,nama_cabang,alamat_cabang) VALUES ('BRUP','Bank Rut Unit Pekalongan','Pekalongan');
Query OK, 1 row affected (0.092 sec)

MariaDB [perbankan]> INSERT INTO cabang_bank (kode_cabang,nama_cabang,alamat_cabang) VALUES ('BRUR','Bank Rut Unit Rembang','Rembang');
Query OK, 1 row affected (0.098 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 (0.174 sec)

MariaDB [perbankan]> INSERT INTO cabang_bank (kode_cabang,nama_cabang,alamat_cabang) VALUES ('BRUA','Bank Rut Unit Aceh','Aceh');
Query OK, 1 row affected (1.627 sec)

MariaDB [perbankan]> INSERT INTO cabang_bank (kode_cabang,nama_cabang,alamat_cabang) VALUES ('BRUG','Bank Rut Unit Gorontalo','Gorontalo');
Query OK, 1 row affected (0.087 sec)

MariaDB [perbankan]> INSERT INTO cabang_bank (kode_cabang,nama_cabang,alamat_cabang) VALUES ('BRUC','Bank Rut Unit Calang','Calang');
Query OK, 1 row affected (0.100 sec)

MariaDB [perbankan]> INSERT INTO cabang_bank (kode_cabang,nama_cabang,alamat_cabang) VALUES ('BRUT','Bank Rut Unit Takengon','Takengon');
Query OK, 1 row affected (0.096 sec)

MariaDB [perbankan]> INSERT INTO cabang_bank (kode_cabang,nama_cabang,alamat_cabang) VALUES ('BRUI','Bank Rut Unit Idi Rayeuk','Idi Rayeuk');
Query OK, 1 row affected (0.090 sec)

MariaDB [perbankan]> INSERT INTO cabang_bank (kode_cabang,nama_cabang,alamat_cabang) VALUES ('BRUN','Bank Rut Unit NTT','Nusa Tenggara Timur');
Query OK, 1 row affected (0.089 sec)

```

```

MariaDB [perbankan]> SELECT * FROM cabang_bank;
+-----+-----+-----+
| kode_cabang | nama_cabang | alamat_cabang |
+-----+-----+-----+
| BRUA | Bank Rut Unit Aceh | Aceh |
| BRUB | Bank Rut Unit Boyolali | Jl. Ahmad Yani 45 |
| BRUC | Bank Rut Unit Calang | Calang |
| BRUG | Bank Rut Unit Gorontalo | Gorontalo |
| BRUI | Bank Rut Unit Idi Rayeuk | Idi Rayeuk |
| BRUJ | Bank Rut Unit Jakarta | Jakarta |
| BRUK | Bank Rut Unit Klaten | Jl. Suparman 23 |
| BRUL | Bank Rut Unit Lamongan | Lamongan |
| BRUN | Bank Rut Unit NTT | Nusa Tenggara Timur |
| BRUP | Bank Rut Unit Pekalongan | Pekalongan |
| BRUR | Bank Rut Unit Rembang | Rembang |
| BRUS | Bank Rut Unit Surakarta | Jl. Slamet Riyadi 18 |
| BRUT | Bank Rut Unit Takengon | Takengon |
| BRUW | Bank Rut Unit Wonogiri | Jalan A. Yani No. 23 |
| BRUY | Bank Rut Unit Yogyakarta | Jl. Anggrek 21 |
+-----+-----+-----+
15 rows in set (0.000 sec)

MariaDB [perbankan]>

```

Insert table cabang_bank


```

MariaDB [(none)]> use perbankan;
Database changed
MariaDB [perbankan]> INSERT INTO rekening (no_rekening,kode_cabangFK,pin,saldo) VALUES (114,BRUA,2345,500000);
ERROR 1054 (42S22): Unknown column 'BRUA' in 'field list'
MariaDB [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)

MariaDB [perbankan]> INSERT INTO rekening (no_rekening,kode_cabangFK,pin,saldo) VALUES (120,'BRUY',3243,600000);
Query 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 | 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 |
| 114 | BRUA | 2345 | 500000 |
| 115 | BRUN | 5345 | 100000 |
| 116 | BRUJ | 5395 | 900000 |
| 117 | BRUK | 5394 | 560000 |
| 118 | BRUL | 5332 | 890000 |
| 119 | BRUM | 5123 | 230000 |
| 120 | BRUY | 3243 | 600000 |
| 121 | BRUN | 1233 | 750000 |
| 122 | BRUB | 1457 | 670000 |
| 123 | BRUW | 1534 | 320000 |
+-----+-----+-----+-----+
23 rows in set (0.073 sec)

```

Insert table rekening

```

MariaDB [perbankan]> INSERT INTO nasabah_has_rekening (id_nasabahFK,no_rekeningFK) VALUES (11,114);
Query OK, 1 row affected (0.107 sec)

MariaDB [perbankan]> INSERT INTO nasabah_has_rekening (id_nasabahFK,no_rekeningFK) VALUES (12,115);
Query OK, 1 row affected (0.047 sec)

MariaDB [perbankan]> INSERT INTO nasabah_has_rekening (id_nasabahFK,no_rekeningFK) VALUES (13,116);
Query OK, 1 row affected (0.116 sec)

MariaDB [perbankan]> INSERT INTO nasabah_has_rekening (id_nasabahFK,no_rekeningFK) VALUES (14,117);
Query OK, 1 row affected (0.043 sec)

MariaDB [perbankan]> INSERT INTO nasabah_has_rekening (id_nasabahFK,no_rekeningFK) VALUES (15,118);
Query OK, 1 row affected (0.081 sec)

MariaDB [perbankan]> INSERT INTO nasabah_has_rekening (id_nasabahFK,no_rekeningFK) VALUES (16,119);
Query OK, 1 row affected (0.090 sec)

MariaDB [perbankan]> INSERT INTO nasabah_has_rekening (id_nasabahFK,no_rekeningFK) VALUES (17,120);
Query OK, 1 row affected (0.089 sec)

MariaDB [perbankan]> INSERT INTO nasabah_has_rekening (id_nasabahFK,no_rekeningFK) VALUES (18,121);
Query OK, 1 row affected (0.054 sec)

MariaDB [perbankan]> INSERT INTO nasabah_has_rekening (id_nasabahFK,no_rekeningFK) VALUES (19,122);
Query OK, 1 row affected (0.079 sec)

MariaDB [perbankan]> INSERT INTO nasabah_has_rekening (id_nasabahFK,no_rekeningFK) VALUES (20,123);
Query OK, 1 row affected (0.084 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
11	114
12	115
13	116
14	117
15	118
16	119
17	120
18	121
19	122
20	123

```

25 rows in set (0.000 sec)

```

```

MariaDB [perbankan]>

```

Insert table nasabah_has_rekening


```

MariaDB [perbankan]> INSERT INTO transaksi (no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (31, 114, 11,'debit','2020-03-26',90000);
Query OK, 1 row affected (0.110 sec)

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)

MariaDB [perbankan]> INSERT INTO transaksi (no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (33, 116, 13,'debit','2020-03-26',430000);
Query 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);
Query OK, 1 row affected (0.066 sec)

MariaDB [perbankan]> INSERT INTO transaksi (no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (35, 118, 15,'debit','2020-03-27',7890000);
Query 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)

MariaDB [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)

MariaDB [perbankan]> INSERT INTO transaksi (no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (38, 116, 13,'kredit','2020-03-28',430000);
Query OK, 1 row affected (0.110 sec)

MariaDB [perbankan]> INSERT INTO transaksi (no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (39, 115, 12,'kredit','2020-03-28',100000);
Query OK, 1 row affected (0.109 sec)

MariaDB [perbankan]> INSERT INTO transaksi (no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (40, 114, 11,'kredit','2020-03-28',90000);
Query 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)

MariaDB [perbankan]> INSERT INTO transaksi (no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (42, 119, 16,'kredit','2020-03-30',100000);
Query OK, 1 row affected (0.077 sec)

MariaDB [perbankan]> INSERT INTO transaksi (no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (43, 120, 17,'debit','2020-03-30',200000);
Query 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

```

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 (0.076 sec)

MariaDB [perbankan]> INSERT INTO transaksi (no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (47, 122, 19,'debit','2020-04-01',400000);
Query OK, 1 row affected (0.078 sec)

MariaDB [perbankan]> INSERT INTO transaksi (no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah) VALUES (48, 122, 19,'kredit','2020-04-02',400000);
Query 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)

MariaDB [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 (0.055 sec)

```

```

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

Insert table transaksi

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	11	114	debit	2020-03-26 00:00:00	90000
32	12	115	debit	2020-03-26 00:00:00	100000
33	13	116	debit	2020-03-26 00:00:00	430000
34	14	117	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	117	kredit	2020-03-28 00:00:00	4650000
38	13	116	kredit	2020-03-28 00:00:00	430000
39	12	115	kredit	2020-03-28 00:00:00	100000
40	11	114	kredit	2020-03-28 00:00:00	90000
41	16	119	debit	2020-03-29 00:00:00	100000
42	16	119	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	123	kredit	2020-04-03 00:00:00	500000

50 rows in set (0.001 sec)

MariaDB [perbankan]>

Insert table transaksi