

**NAMA : ARGA DWI ARDINATA**  
**NIM : L200180114**  
**KELAS : E**

## Tabel : Nasabah

```
Activities Terminal Mar 25 9:23 AM
root@pop-os: /home/kintosi

mysql> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah)
-> VALUES(1, 'Sutopo', 'Jl. Jendral Sudirman 12');
Query OK, 1 row affected (0.27 sec)

mysql> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah)VALUES(2, '', 'Jl. Jendral Sudirman 12');
Query OK, 1 row affected (0.54 sec)

mysql> DELETE FROM nasabah
-> WHERE id_nasabah = 2;
Query OK, 1 row affected (0.40 sec)

mysql> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah)VALUES(2, 'Maryati', 'Jl. MT.Haryono 31');
Query OK, 1 row affected (0.53 sec)

mysql> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah)VALUES(3, 'Suparman', 'Jl. Hasanudin 81');
Query OK, 1 row affected (0.07 sec)

mysql> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah)VALUES(4, 'Kartika Padmasari', 'Jl. Manggis 15');
Query OK, 1 row affected (0.15 sec)

mysql> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah)VALUES(5, 'Budi Eko Prayogo', 'Jl. Kantil 30');
Query OK, 1 row affected (0.18 sec)

mysql> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah)VALUES(6, 'Satria Eka Jaya', 'Jl. Slamet Riyadi 45');
Query OK, 1 row affected (0.42 sec)

mysql> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah)VALUES(7, 'Indri Hapsari', 'Jl. Sutoyo 5');
Query OK, 1 row affected (0.44 sec)

mysql> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah)VALUES(8, 'Sari Murti', 'Jl. Pangandaran 11');
Query OK, 1 row affected (0.39 sec)

mysql> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah)VALUES(9, 'Canka Lokananta', 'Jl. Tidar 86');
Query OK, 1 row affected (0.16 sec)
```

```
Activities Terminal Mar 25 2:20 PM
root@pop-os: /

Your MySQL connection id is 14
Server version: 8.0.19-0ubuntu0.19.10.3 (Ubuntu)

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owners.

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

mysql> use perbankan;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> 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 Mutono | Jl. Merak 22 |
+----+-----+-----+
10 rows in set (0.00 sec)

mysql>
```

## Tabel : cabang bank

```
Activities Terminal Mar 25 12:24 PM
root@pop-os: /

+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| kode_bank | varchar(20) | NO | PRI | NULL | |
| nama_cabang | varchar(45) | NO | UNI | NULL | |
| alamat_cabang | varchar(255) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> INSERT INTO cabang_bank(kode_bank, nama_bank, alamat_bank) VALUES('BRUS', 'Bank Rut Unit Surakarta', 'Jl. Slamet Riyadi 18');
ERROR 1054 (42S22): Unknown column 'nama_bank' in 'field list'
mysql> INSERT INTO cabang_bank(kode_bank, nama_cabang, alamat_bank) VALUES('BRUS', 'Bank Rut Unit Surakarta', 'Jl. Slamet Riyadi 18');
ERROR 1054 (42S22): Unknown column 'alamat_bank' in 'field list'
mysql> INSERT INTO cabang_bank(kode_bank, nama_cabang, alamat_cabang) VALUES('BRUS', 'Bank Rut Unit Surakarta', 'Jl. Slamet Riyadi 18');
Query OK, 1 row affected (0.29 sec)

mysql> INSERT INTO cabang_bank(kode_bank, nama_cabang, alamat_cabang) VALUES('BRUM', 'Bank Rut Unit Magelang', 'Jl. P. Tendean 63');
Query OK, 1 row affected (0.42 sec)

mysql> INSERT INTO cabang_bank(kode_bank, nama_cabang, alamat_cabang) VALUES('BRUB', 'Bank Rut Unit Boyolali', 'Jl. Ahmad Yani 45');
Query OK, 1 row affected (0.17 sec)

mysql> INSERT INTO cabang_bank(kode_bank, nama_cabang, alamat_cabang) VALUES('BRUK', 'Bank Rut Unit Klaten', 'Jl. Superman 23');
Query OK, 1 row affected (0.40 sec)

mysql> INSERT INTO cabang_bank(kode_bank, nama_cabang, alamat_cabang) VALUES('BRUY', 'Bank Rut Unit Yogyakarta', 'Jl. Anggrek 21');
Query OK, 1 row affected (0.51 sec)

mysql> INSERT INTO cabang_bank(kode_bank, nama_cabang, alamat_cabang) VALUES('BRUW', 'Bank Rut Unit Wonogiri', 'Jl. Untung Suropati 12');
Query OK, 1 row affected (0.42 sec)

mysql>
```

```
Activities Terminal Mar 25 2:21 PM
root@pop-os: /

root@pop-os:/# mysql -u root -p
Enter password:
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 15
Server version: 8.0.19-0ubuntu0.19.10.3 (Ubuntu)

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

mysql> use perbankan;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> select * from cabang_bank;
+-----+-----+-----+
| kode_bank | 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 (0.00 sec)

mysql>
```

## Tabel : rekening

```
Activities Terminal Mar 25 12:32 PM
root@pop-os: /

mysql> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(101, 'BRUS', '1111', 500000);
Query OK, 1 row affected (0.22 sec)

mysql> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(102, 'BRUS', '2222', 350000);
Query OK, 1 row affected (0.17 sec)

mysql> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(103, 'BRUS', '3333', 750000);
Query OK, 1 row affected (0.16 sec)

mysql> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(104, 'BRUM', '4444', 900000);
Query OK, 1 row affected (0.15 sec)

mysql> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(105, 'BRUM', '5555', 2000000);
Query OK, 1 row affected (0.16 sec)

mysql> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(106, 'BRUS', '6666', 3000000);
Query OK, 1 row affected (0.17 sec)

mysql> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(107, 'BRUS', '7777', 1000000);
Query OK, 1 row affected (0.19 sec)

mysql> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(108, 'BRUB', '0000', 5000000);
Query OK, 1 row affected (0.07 sec)

mysql> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(109, 'BRUB', '9999', 0);
Query OK, 1 row affected (0.16 sec)

mysql> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(110, 'BRUY', '1234', 5500000);
Query OK, 1 row affected (0.40 sec)

mysql> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(111, 'BRUK', '4321', 1500000);
Query OK, 1 row affected (0.22 sec)

mysql> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(112, 'BRUK', '0123', 3000000);
Query OK, 1 row affected (0.20 sec)
```

```
Activities Terminal Mar 25 2:22 PM
root@pop-os: /

| BRUM | Bank Rut Unit Magelang | Jl. P. Penebar 03 |
| BRUS | Bank Rut Unit Surakarta | Jl. Slamet Riyadi 18 |
| BRUM | Bank Rut Unit Wonogiri | Jl. Untung Suropati 12 |
| BRUY | Bank Rut Unit Yogyakarta | Jl. Anggrek 21 |
+-----+
6 rows in set (0.00 sec)

mysql> select * from rekening;
+-----+
| no_rekening | kode_cabangFK | pin | saldo |
+-----+
| 101 | BRUS | 1111 | 500000 |
| 102 | BRUS | 2222 | 350000 |
| 103 | BRUS | 3333 | 750000 |
| 104 | BRUM | 4444 | 900000 |
| 105 | BRUM | 5555 | 2000000 |
| 106 | BRUS | 6666 | 3000000 |
| 107 | BRUS | 7777 | 1000000 |
| 108 | BRUB | 0000 | 5000000 |
| 109 | BRUB | 9999 | 0 |
| 110 | BRUY | 1234 | 5500000 |
| 111 | BRUK | 4321 | 1500000 |
| 112 | BRUK | 0123 | 3000000 |
| 113 | BRUY | 8888 | 255000 |
+-----+
13 rows in set (0.00 sec)

mysql> select * from rekening;
rekening      rekening.kode_cabangFK rekening.no_rekening rekening.pin rekening.saldo
mysql> Select * from rekening;
+-----+
| no_rekening | kode_cabangFK | pin | saldo |
+-----+
| 101 | BRUS | 1111 | 500000 |
| 102 | BRUS | 2222 | 350000 |
```

## Tabel: nasabah has rekening

```
Activities Terminal Mar 25 12:37 PM root@pop-os: /

mysql> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES(1, 104);
Query OK, 1 row affected (0.25 sec)

mysql> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES(2, 103);
Query OK, 1 row affected (0.16 sec)

mysql> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES(3, 105);
Query OK, 1 row affected (0.34 sec)

mysql> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES(3, 106);
Query OK, 1 row affected (0.16 sec)

mysql> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES(4, 101);
Query OK, 1 row affected (0.17 sec)

mysql> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES(4, 107);
Query OK, 1 row affected (0.09 sec)

mysql> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES(5, 102);
Query OK, 1 row affected (0.20 sec)

mysql> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES(5, 107);
Query OK, 1 row affected (0.15 sec)

mysql> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES(6, 109);
Query OK, 1 row affected (0.20 sec)

mysql> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES(7, 109);
Query OK, 1 row affected (0.68 sec)

mysql> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES(8, 111);
Query OK, 1 row affected (0.87 sec)

mysql> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES(9, 110);
```

```
Activities Terminal Mar 25 2:22 PM root@pop-os: /

-----+-----
111 | BRUK | 4321 | 1500000 |
112 | BRUK | 0123 | 3000000 |
113 | BRUY | 8888 | 255000 |
-----+-----
13 rows in set (0.00 sec)

mysql> 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 (0.00 sec)

mysql> select * from transaksi;
+-----+-----+-----+-----+-----+-----+
| no_transaksi | id_nasabahFK | no_rekeningFK | jenis_transaksi | tanggal | jumlah |
+-----+-----+-----+-----+-----+-----+
| 1 | 105 | 3 | debit | 2009-11-10 00:00:00 | 50000 |
| 2 | 103 | 2 | debit | 2009-11-10 00:00:00 | 40000 |
| 3 | 101 | 6 | kredit | 2009-11-12 00:00:00 | 20000 |
+-----+-----+-----+-----+-----+-----+
```

## Tabel: transaksi

```
Activities Terminal Mar 25 8:34 PM
root@pop-os: /

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(1, 3, 105, 'debit', '2009-11-10', 50000);
Query OK, 1 row affected (0.11 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(2, 2, 103, 'debit', '2009-11-10', 40000);
Query OK, 1 row affected (0.08 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(3, 4, 101, 'kredit', '2009-11-12', 20000);
Query OK, 1 row affected (0.07 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(4, 3, 106, 'debit', '2009-11-13', 50000);
Query OK, 1 row affected (0.12 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(5, 5, 107, 'kredit', '2009-11-13', 30000);
Query OK, 1 row affected (0.09 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(6, 1, 104, 'kredit', '2009-11-15', 20000);
Query OK, 1 row affected (0.09 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(7, 9, 110, 'kredit', '2009-11-15', 150000);
Query OK, 1 row affected (0.12 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(8, 5, 102, 'debit', '2009-11-16', 20000);
Query OK, 1 row affected (0.11 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(9, 3, 105, 'kredit', '2009-11-18', 50000);
```

```
Activities Terminal Mar 25 8:34 PM
root@pop-os: /

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(9, 3, 105, 'kredit', '2009-11-18', 50000);
Query OK, 1 row affected (0.07 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(10, 4, 107, 'debit', '2009-11-19', 100000);
Query OK, 1 row affected (0.07 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(11, 2, 103, 'debit', '2009-11-19', 100000);
Query OK, 1 row affected (0.09 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(12, 1, 104, 'debit', '2009-11-19', 50000);
Query OK, 1 row affected (0.67 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(13, 4, 107, 'kredit', '2009-11-20', 200000);
Query OK, 1 row affected (0.06 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(14, 3, 105, 'debit', '2009-11-21', 40000);
Query OK, 1 row affected (0.07 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(15, 1, 104, 'kredit', '2009-11-22', 100000);
Query OK, 1 row affected (0.09 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(16, 4, 101, 'kredit', '2009-11-22', 20000);
Query OK, 1 row affected (0.07 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(17, 2, 103, 'debit', '2009-11-22', 50000);
```

```
Activities Terminal Mar 25 8:34 PM
root@pop-os: /

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(17, 2, 103, 'debit', '2009-11-22', 50000);
Query OK, 1 row affected (0.12 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(18, 5, 102, 'debit', '2009-11-25', 50000);
Query OK, 1 row affected (0.11 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(19, 10, 108, 'debit', '2009-11-26', 100000);
Query OK, 1 row affected (0.07 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(20, 3, 106, 'kredit', '2009-11-27', 50000);
Query OK, 1 row affected (0.07 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(21, 2, 103, 'kredit', '2009-11-28', 200000);
Query OK, 1 row affected (0.09 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(22, 3, 105, 'kredit', '2009-11-28', 100000);
Query OK, 1 row affected (0.11 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(23, 5, 102, 'debit', '2009-11-30', 20000);
Query OK, 1 row affected (0.07 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(24, 1, 104, 'debit', '2009-12-1', 50000);
Query OK, 1 row affected (0.10 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(25, 2, 103, 'debit', '2009-12-2', 40000);
```

```
Activities Terminal Mar 25 8:34 PM
root@pop-os: /

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(23, 5, 102, 'debit', '2009-11-30', 20000);
Query OK, 1 row affected (0.07 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(24, 1, 104, 'debit', '2009-12-1', 50000);
Query OK, 1 row affected (0.10 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(25, 2, 103, 'debit', '2009-12-2', 40000);
Query OK, 1 row affected (0.12 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(26, 4, 101, 'debit', '2009-12-4', 50000);
Query OK, 1 row affected (0.07 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(27, 2, 103, 'kredit', '2009-12-5', 100000);
Query OK, 1 row affected (0.08 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(28, 5, 102, 'kredit', '2009-12-5', 200000);
Query OK, 1 row affected (0.06 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(29, 7, 109, 'debit', '2009-12-5', 100000);
Query OK, 1 row affected (0.51 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(30, 9, 110, 'debit', '2009-12-6', 20000);
Query OK, 1 row affected (0.07 sec)

mysql>
```



```
Activities Terminal Mar 25 8:34 PM root@pop-os: /
mysql> 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

## Update

### a. Nasabah dengan nama “Indri Hapsari”

```
Activities Terminal Mar 25 2:35 PM
root@pop-os: /

root@pop-os:/# mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 19
Server version: 8.0.19-0ubuntu0.19.10.3 (Ubuntu)

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owners.

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

mysql> use perbankan;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> UPDATE nasabah SET alamat_nasabah = 'Jalan Slamet Riyadi No.34' WHERE nama_nasabah = 'Indri Hapsari';
Query OK, 1 row affected (0.20 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql>
```

```
Activities Terminal Mar 25 2:39 PM
root@pop-os: /

Your MySQL connection id is 22
Server version: 8.0.19-0ubuntu0.19.10.3 (Ubuntu)

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owners.

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

mysql> use perbankan;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> 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 Mutono | Jl. Merak 22 |
+----+-----+-----+
10 rows in set (0.00 sec)

mysql>
```



## b. Cabang dengan kode “BRUW”

```
Activities Terminal Mar 25 2:36 PM
root@pop-os: /

root@pop-os:/# mysql -u root -p
Enter password:
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 21
Server version: 8.0.19-0ubuntu0.19.10.3 (Ubuntu)

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owners.

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

mysql> use perbankan;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> UPDATE cabang_bank SET alamat_cabang = 'Jalan A. Yani No.23' WHERE nama_cabang = 'Bank Rut Unit Wonogiri';
Query OK, 1 row affected (0.21 sec)
Rows matched: 1 Changed: 1 Warnings: 0

mysql>
```

```
Activities Terminal Mar 25 2:40 PM
root@pop-os: /

root@pop-os:/# mysql -u root -p
Enter password:
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 23
Server version: 8.0.19-0ubuntu0.19.10.3 (Ubuntu)

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owners.

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

mysql> use perbankan;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> select * from cabang_bank;
+-----+-----+-----+
| kode_bank | 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 (0.00 sec)

mysql>
```

# Tugas

## Table: nasabah

```
Activities Terminal Mar 25 4:12 PM root@pop-os: /
-----+
5 rows in set (0.00 sec)

mysql> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES(11, 'Agus Hudiman', 'Jl. Kalimantan 23');
Query OK, 1 row affected (0.20 sec)

mysql> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES(12, 'Nopal Rahmatdan', 'Jl. Sumatra 30');
Query OK, 1 row affected (0.16 sec)

mysql> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES(13, 'Bryan Hermansyah', 'Jl. Papua 30');
Query OK, 1 row affected (0.11 sec)

mysql> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES(14, 'Budi Sudarsono', 'Jl. Merdeka 26');
Query OK, 1 row affected (0.10 sec)

mysql> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES(15, 'Rahmat Hamirudin', 'Jl. Kelengkeng 38');
Query OK, 1 row affected (0.07 sec)

mysql> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES(16, 'Amirudin Jamal', 'Jl. Kebon Jeruk 40');
Query OK, 1 row affected (0.08 sec)

mysql> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES(17, 'Hamirudin Sugiarto', 'Jl. Kelapa Muda 13');
Query OK, 1 row affected (0.08 sec)

mysql> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES(18, 'Taufik Hidayat', 'Jl. Kuningan 12');
Query OK, 1 row affected (0.08 sec)

mysql> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES(19, 'Udin Samsul', 'Jl. Tanah Abang 92');
Query OK, 1 row affected (0.09 sec)

mysql> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES(20, 'Sukijan', 'Jl. Margoda 22');
Query OK, 1 row affected (0.07 sec)

mysql> 
```

```
Activities Terminal Mar 25 4:13 PM root@pop-os: /

mysql> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES(19, 'Udin Samsul', 'Jl. Tanah Abang 92');
Query OK, 1 row affected (0.09 sec)

mysql> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES(20, 'Sukijan', 'Jl. Margoda 22');
Query OK, 1 row affected (0.07 sec)

mysql> 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 Mutono | Jl. Merak 22 |
| 11 | Agus Hudiman | Jl. Kalimantan 23 |
| 12 | Nopal Rahmatdan | Jl. Sumatra 30 |
| 13 | Bryan Hermansyah | Jl. Papua 30 |
| 14 | Budi Sudarsono | Jl. Merdeka 26 |
| 15 | Rahmat Hamirudin | Jl. Kelengkeng 38 |
| 16 | Amirudin Jamal | Jl. Kebon Jeruk 40 |
| 17 | Hamirudin Sugiarto | Jl. Kelapa Muda 13 |
| 18 | Taufik Hidayat | Jl. Kuningan 12 |
| 19 | Udin Samsul | Jl. Tanah Abang 92 |
| 20 | Sukijan | Jl. Margoda 22 |
+-----+-----+-----+
20 rows in set (0.00 sec)

mysql> 
```

## Table : cabang bank

```
Activities Terminal Mar 25 6:28 PM root@pop-os /

mysql> INSERT INTO cabang_bank(kode_bank, nama_cabang, alamat_cabang) VALUES('BRUA', 'Bank Rut Unit Ambon', 'Jl. Hasanudin 34');
Query OK, 1 row affected (0.08 sec)

mysql> INSERT INTO cabang_bank(kode_bank, nama_cabang, alamat_cabang) VALUES('BRUG', 'Bank Rut Unit Gorontalo', 'Jl. Munir 48');
Query OK, 1 row affected (0.07 sec)

mysql> INSERT INTO cabang_bank(kode_bank, nama_cabang, alamat_cabang) VALUES('BRUH', 'Bank Rut Unit Halmahera', 'Jl. Sucoko 24');
Query OK, 1 row affected (0.07 sec)

mysql> select * from cabang_bank;
+----+-----+-----+
| kode_bank | nama_cabang | alamat_cabang |
+----+-----+-----+
| BRUA      | Bank Rut Unit Ambon | Jl. Hasanudin 34 |
| BRUB      | Bank Rut Unit Boyolali | Jl. Ahmad Yani 45 |
| BRUC      | Bank Rut Unit Cirebon | Jl. Diponegoro 83 |
| BRUD      | Bank Rut Unit Dumai | Jl. Lombok 29 |
| BRUG      | Bank Rut Unit Gorontalo | Jl. Munir 48 |
| BRUH      | Bank Rut Unit Halmahera | Jl. Sucoko 24 |
| BRUJ      | Bank Rut Unit Jakarta | Jl. Permai Indah 20 |
| BRUK      | Bank Rut Unit Klaten | Jl. Superman 23 |
| BRUL      | Bank Rut Unit Lamongan | Jl. Puti 30 |
| BRUM      | Bank Rut Unit Magelang | Jl. P. Tendean 63 |
| BRUN      | Bank Rut Unit Ngawi | Jl. Sultan Agung 28 |
| BRUP      | Bank Rut Unit Palangkaraya | Jl. Bali 13 |
| BRUS      | Bank Rut Unit Surakarta | Jl. Slamet Riyadi 18 |
| BRUT      | Bank Rut Unit Tasikmalaya | Jl. Gajah Mada 17 |
| BRUW      | Bank Rut Unit Wonogiri | Jalan A. Yani No.23 |
| BRUY      | Bank Rut Unit Yogyakarta | Jl. Anggrek 21 |
+----+-----+-----+
16 rows in set (0.00 sec)

mysql> 
```

```
Activities Terminal Mar 25 6:28 PM root@pop-os /

mysql> INSERT INTO cabang_bank(kode_bank, nama_cabang, alamat_cabang) VALUES('BRUA', 'Bank Rut Unit Ambon', 'Jl. Hasanudin 34');
Query OK, 1 row affected (0.08 sec)

mysql> INSERT INTO cabang_bank(kode_bank, nama_cabang, alamat_cabang) VALUES('BRUG', 'Bank Rut Unit Gorontalo', 'Jl. Munir 48');
Query OK, 1 row affected (0.07 sec)

mysql> INSERT INTO cabang_bank(kode_bank, nama_cabang, alamat_cabang) VALUES('BRUH', 'Bank Rut Unit Halmahera', 'Jl. Sucoko 24');
Query OK, 1 row affected (0.07 sec)

mysql> select * from cabang_bank;
+----+-----+-----+
| kode_bank | nama_cabang | alamat_cabang |
+----+-----+-----+
| BRUA      | Bank Rut Unit Ambon | Jl. Hasanudin 34 |
| BRUB      | Bank Rut Unit Boyolali | Jl. Ahmad Yani 45 |
| BRUC      | Bank Rut Unit Cirebon | Jl. Diponegoro 83 |
| BRUD      | Bank Rut Unit Dumai | Jl. Lombok 29 |
| BRUG      | Bank Rut Unit Gorontalo | Jl. Munir 48 |
| BRUH      | Bank Rut Unit Halmahera | Jl. Sucoko 24 |
| BRUJ      | Bank Rut Unit Jakarta | Jl. Permai Indah 20 |
| BRUK      | Bank Rut Unit Klaten | Jl. Superman 23 |
| BRUL      | Bank Rut Unit Lamongan | Jl. Puti 30 |
| BRUM      | Bank Rut Unit Magelang | Jl. P. Tendean 63 |
| BRUN      | Bank Rut Unit Ngawi | Jl. Sultan Agung 28 |
| BRUP      | Bank Rut Unit Palangkaraya | Jl. Bali 13 |
| BRUS      | Bank Rut Unit Surakarta | Jl. Slamet Riyadi 18 |
| BRUT      | Bank Rut Unit Tasikmalaya | Jl. Gajah Mada 17 |
| BRUW      | Bank Rut Unit Wonogiri | Jalan A. Yani No.23 |
| BRUY      | Bank Rut Unit Yogyakarta | Jl. Anggrek 21 |
+----+-----+-----+
16 rows in set (0.00 sec)

mysql> 
```

## Table : rekening

```
Activities Terminal Mar 25 6:37 PM
root@pop-os: /

mysql> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(114, 'BRUJ', '5678', 200000);
Query OK, 1 row affected (0.09 sec)

mysql> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(115, 'BRUT', '8765', 300000);
Query OK, 1 row affected (0.11 sec)

mysql> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(116, 'BRUP', '9090', 500000);
Query OK, 1 row affected (0.09 sec)

mysql> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(117, 'BRUD', '1212', 1000000);
Query OK, 1 row affected (0.10 sec)

mysql> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(118, 'BRUL', '2323', 5000000);
Query OK, 1 row affected (0.07 sec)

mysql> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(118, 'BRUC', '3434', 400000);
ERROR 1062 (23000): Duplicate entry '118' for key 'rekening.PRIMARY'
mysql> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(119, 'BRUC', '3434', 400000);
Query OK, 1 row affected (0.07 sec)

mysql> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(120, 'BRUN', '4545', 10000000);
Query OK, 1 row affected (0.71 sec)

mysql> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(121, 'BRUA', '5656', 3000000);
Query OK, 1 row affected (0.08 sec)

mysql> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(122, 'BRUG', '6767', 8000000);
Query OK, 1 row affected (0.07 sec)

mysql> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(123, 'BRUH', '7878', 7000000);
Query OK, 1 row affected (0.07 sec)

mysql>
```

```
Activities Terminal Mar 25 6:38 PM
root@pop-os: /

mysql> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(123, 'BRUH', '7878', 7000000);
Query OK, 1 row affected (0.07 sec)

mysql> select * from rekening;
+-----+-----+-----+-----+
| no_rekening | kode_cabangFK | pin | saldo |
+-----+-----+-----+-----+
| 101 | BRUS | 1111 | 500000 |
| 102 | BRUS | 2222 | 350000 |
| 103 | BRUS | 3333 | 750000 |
| 104 | BRUM | 4444 | 900000 |
| 105 | BRUM | 5555 | 2000000 |
| 106 | BRUS | 6666 | 3000000 |
| 107 | BRUS | 7777 | 1000000 |
| 108 | BRUB | 0000 | 5000000 |
| 109 | BRUB | 9999 | 0 |
| 110 | BRUY | 1234 | 5500000 |
| 111 | BRUK | 4321 | 1500000 |
| 112 | BRUK | 0123 | 3000000 |
| 113 | BRUY | 8888 | 255000 |
| 114 | BRUJ | 5678 | 200000 |
| 115 | BRUT | 8765 | 300000 |
| 116 | BRUP | 9090 | 500000 |
| 117 | BRUD | 1212 | 1000000 |
| 118 | BRUL | 2323 | 5000000 |
| 119 | BRUC | 3434 | 400000 |
| 120 | BRUN | 4545 | 10000000 |
| 121 | BRUA | 5656 | 3000000 |
| 122 | BRUG | 6767 | 8000000 |
| 123 | BRUH | 7878 | 7000000 |
+-----+-----+-----+-----+
23 rows in set (0.00 sec)

mysql>
```

## Table : nasabah has rekening

```
Activities Terminal Mar 25 6:41 PM root@pop-os: /

mysql> INSERT INTO nasabah_has_rekening(id_nasabah, no_rekening) VALUES(11, 114);
ERROR 1054 (42S22): Unknown column 'id_nasabah' in 'field list'
mysql> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES(11, 114);
Query OK, 1 row affected (0.07 sec)

mysql> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES(12, 115);
Query OK, 1 row affected (0.13 sec)

mysql> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES(13, 116);
Query OK, 1 row affected (0.07 sec)

mysql> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES(14, 117);
Query OK, 1 row affected (0.07 sec)

mysql> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES(15, 118);
Query OK, 1 row affected (0.08 sec)

mysql> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES(16, 119);
Query OK, 1 row affected (0.07 sec)

mysql> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES(17, 120);
Query OK, 1 row affected (0.07 sec)

mysql> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES(18, 121);
Query OK, 1 row affected (0.07 sec)

mysql> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES(19, 122);
Query OK, 1 row affected (0.10 sec)

mysql> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES(20, 123);
Query OK, 1 row affected (0.10 sec)

mysql>
```

```
Activities Terminal Mar 25 6:41 PM root@pop-os: /

mysql> 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 (0.00 sec)

mysql>
```

## Table : transaksi

```
Activities Terminal Mar 26 4:53 AM
root@pop-os: /home/kintosi

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(31, 11, 114, 'debit',
'2009-12-7', 50000);
Query OK, 1 row affected (0.21 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(32, 12, 115, 'debit',
'2009-12-7', 100000);
Query OK, 1 row affected (0.44 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(33, 13, 116, 'kredit',
'2009-12-8', 20000);
Query OK, 1 row affected (0.32 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(34, 14, 117, 'debit',
'2009-12-9', 200000);
Query OK, 1 row affected (0.42 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(35, 15, 118, 'kredit',
'2009-12-9', 500000);
Query OK, 1 row affected (0.85 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(36, 16, 119, 'kredit',
'2009-12-10', 700000);
Query OK, 1 row affected (0.40 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(37, 17, 120, 'kredit',
'2009-12-11', 30000);
Query OK, 1 row affected (0.42 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(38, 18, 121, 'debit',
'2009-12-11', 80000);
Query OK, 1 row affected (0.16 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(39, 19, 122, 'debit',
'2009-12-12', 90000);
```

```
Activities Terminal Mar 26 4:53 AM
root@pop-os: /home/kintosi

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(39, 19, 122, 'debit',
'2009-12-12', 90000);
Query OK, 1 row affected (0.40 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(40, 20, 123, 'debit',
'2009-12-12', 300000);
Query OK, 1 row affected (0.15 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(41, 20, 123, 'kredit',
'2009-12-12', 300000);
Query OK, 1 row affected (0.17 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(42, 19, 122, 'kredit',
'2009-12-12', 200000);
Query OK, 1 row affected (0.16 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(43, 18, 121, 'kredit',
'2009-12-12', 40000);
Query OK, 1 row affected (0.19 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(44, 17, 120, 'debit',
'2009-12-13', 6000);
Query OK, 1 row affected (0.43 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(45, 16, 119, 'debit',
'2009-12-14', 70000);
Query OK, 1 row affected (0.40 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(46, 15, 118, 'debit',
'2009-12-15', 80000);
Query OK, 1 row affected (0.40 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(47, 14, 117, 'kredit',
'2009-12-16', 100000);
```



```
Activities Terminal Mar 26 4:53 AM
root@pop-os: /home/kintosi

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(43, 18, 121, 'kredit',
'2009-12-12', 40000);
Query OK, 1 row affected (0.19 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(44, 17, 120, 'debit',
'2009-12-13', 6000
Query OK, 1 row affected (0.43 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(45, 16, 119, 'debit',
'2009-12-14', 70000);
Query OK, 1 row affected (0.40 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(46, 15, 118, 'debit',
'2009-12-15', 80000);
Query OK, 1 row affected (0.40 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(47, 14, 117, 'kredit',
'2009-12-16', 100000);
Query OK, 1 row affected (0.28 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(48, 13, 116, 'debit',
'2009-12-16', 200000);
Query OK, 1 row affected (0.74 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(49, 12, 115, 'kredit',
'2009-12-17', 20000);
Query OK, 1 row affected (0.39 sec)

mysql> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES(50, 11, 114, 'kredit',
'2009-12-18', 60000);
Query OK, 1 row affected (0.15 sec)

mysql>
```

```
Activities Terminal Mar 26 4:53 AM
root@pop-os: /home/kintosi

mysql> select * from transaksi;
+-----+-----+-----+-----+-----+-----+
| no_transaksi | id_nasabahFK | no_rekeningFK | jenis_transaksi | tanggal | jumlah |
+-----+-----+-----+-----+-----+-----+
| 1 | 3 | 105 | debit | 2009-11-10 00:00:00 | 50000 |
| 2 | 2 | 103 | debit | 2009-11-10 00:00:00 | 40000 |
| 3 | 4 | 101 | kredit | 2009-11-12 00:00:00 | 20000 |
| 4 | 3 | 106 | debit | 2009-11-13 00:00:00 | 50000 |
| 5 | 5 | 107 | kredit | 2009-11-13 00:00:00 | 30000 |
| 6 | 1 | 104 | kredit | 2009-11-15 00:00:00 | 200000 |
| 7 | 9 | 110 | kredit | 2009-11-15 00:00:00 | 150000 |
| 8 | 5 | 102 | debit | 2009-11-16 00:00:00 | 20000 |
| 9 | 3 | 105 | kredit | 2009-11-18 00:00:00 | 50000 |
| 10 | 4 | 107 | debit | 2009-11-19 00:00:00 | 100000 |
| 11 | 2 | 103 | debit | 2009-11-19 00:00:00 | 100000 |
| 12 | 1 | 104 | debit | 2009-11-19 00:00:00 | 50000 |
| 13 | 4 | 107 | kredit | 2009-11-20 00:00:00 | 200000 |
| 14 | 3 | 105 | debit | 2009-11-21 00:00:00 | 40000 |
| 15 | 1 | 104 | kredit | 2009-11-22 00:00:00 | 100000 |
| 16 | 4 | 101 | kredit | 2009-11-22 00:00:00 | 20000 |
| 17 | 2 | 103 | debit | 2009-11-22 00:00:00 | 50000 |
| 18 | 5 | 102 | debit | 2009-11-25 00:00:00 | 50000 |
| 19 | 10 | 108 | debit | 2009-11-26 00:00:00 | 100000 |
| 20 | 3 | 106 | kredit | 2009-11-27 00:00:00 | 50000 |
| 21 | 2 | 103 | kredit | 2009-11-28 00:00:00 | 200000 |
| 22 | 3 | 105 | kredit | 2009-11-28 00:00:00 | 100000 |
| 23 | 5 | 102 | debit | 2009-11-30 00:00:00 | 20000 |
| 24 | 1 | 104 | debit | 2009-12-01 00:00:00 | 50000 |
| 25 | 2 | 103 | debit | 2009-12-02 00:00:00 | 40000 |
| 26 | 4 | 101 | debit | 2009-12-04 00:00:00 | 50000 |
| 27 | 2 | 103 | kredit | 2009-12-05 00:00:00 | 100000 |
| 28 | 5 | 102 | kredit | 2009-12-05 00:00:00 | 200000 |
| 29 | 7 | 109 | debit | 2009-12-05 00:00:00 | 100000 |
| 30 | 9 | 110 | debit | 2009-12-06 00:00:00 | 20000 |
| 31 | 11 | 114 | debit | 2009-12-07 00:00:00 | 50000 |
+-----+-----+-----+-----+-----+-----+
```

```
Activities Terminal Mar 26 4:53 AM root@pop-os: /home/kintosi
```

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	2009-12-07 00:00:00	50000
32	12	115	debit	2009-12-07 00:00:00	100000
33	13	116	kredit	2009-12-08 00:00:00	20000
34	14	117	debit	2009-12-09 00:00:00	200000
35	15	118	kredit	2009-12-09 00:00:00	500000
36	16	119	kredit	2009-12-10 00:00:00	700000
37	17	120	kredit	2009-12-11 00:00:00	30000
38	18	121	debit	2009-12-11 00:00:00	80000
39	19	122	debit	2009-12-12 00:00:00	90000
40	20	123	debit	2009-12-12 00:00:00	300000
41	20	123	kredit	2009-12-12 00:00:00	300000
42	19	122	kredit	2009-12-12 00:00:00	200000
43	18	121	kredit	2009-12-12 00:00:00	40000
44	17	120	debit	2009-12-13 00:00:00	60000
45	16	119	debit	2009-12-14 00:00:00	70000
46	15	118	debit	2009-12-15 00:00:00	80000
47	14	117	kredit	2009-12-16 00:00:00	100000
48	13	116	debit	2009-12-16 00:00:00	200000
49	12	115	kredit	2009-12-17 00:00:00	20000
50	11	114	kredit	2009-12-18 00:00:00	60000

50 rows in set (0.00 sec)

```
mysql>
```