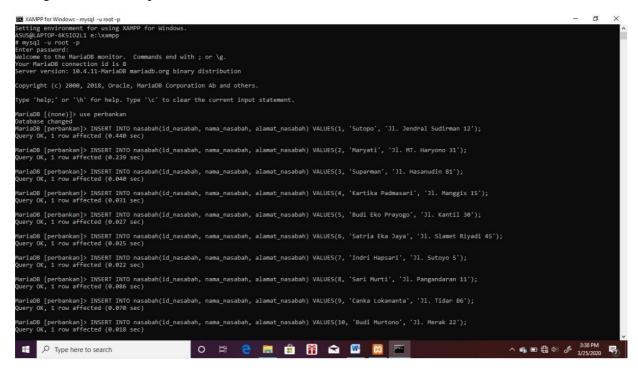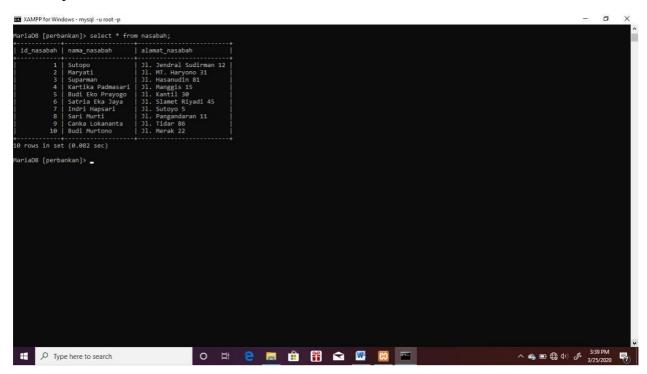Nama   : Aulia Putri R

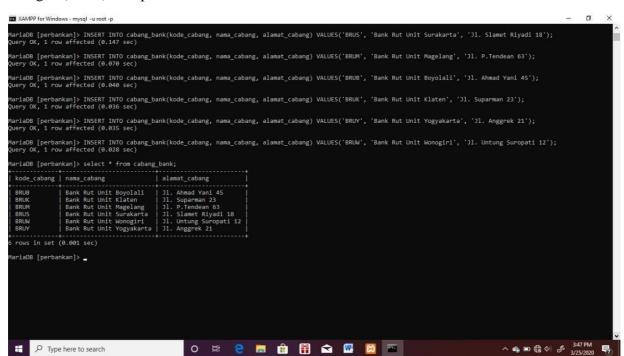NIM   : L200180156

Kelas   : F

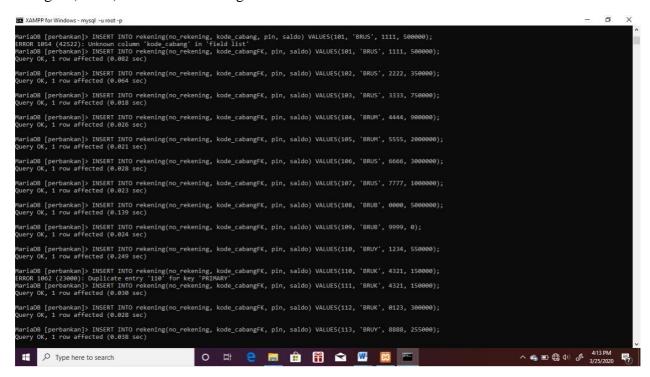Mengisi (Insert) data pada table nasabah
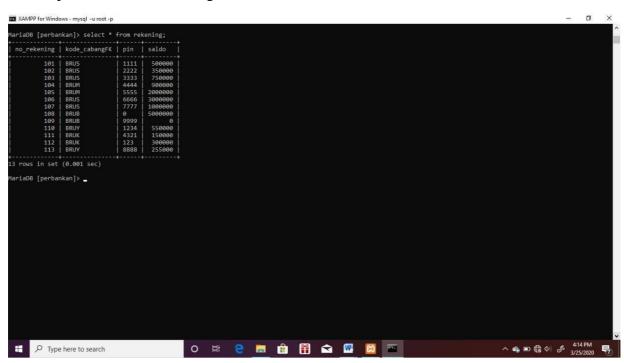
Menampilkan data table nasabah

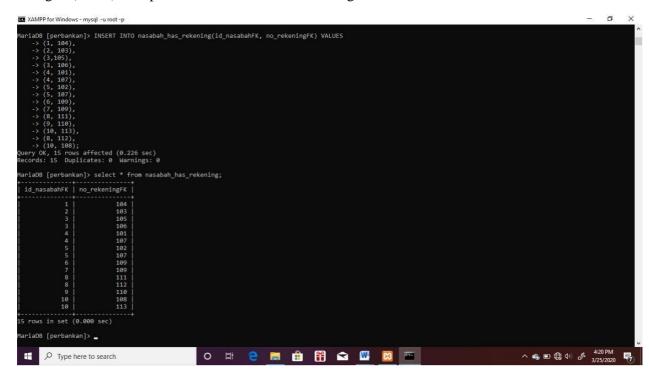Mengisi (Insert) data pada table nasabah
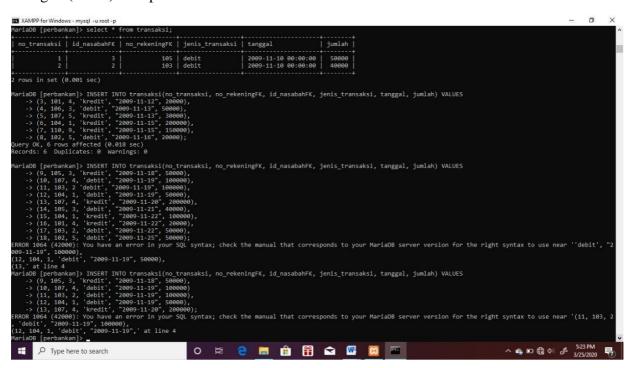
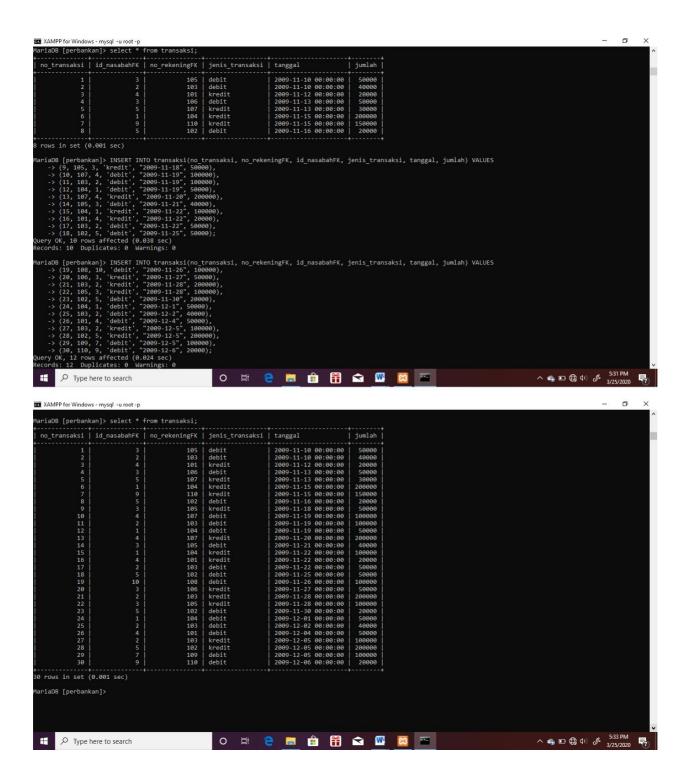Mengisi (Insert) data table rekening

Menampilkan data table rekeing
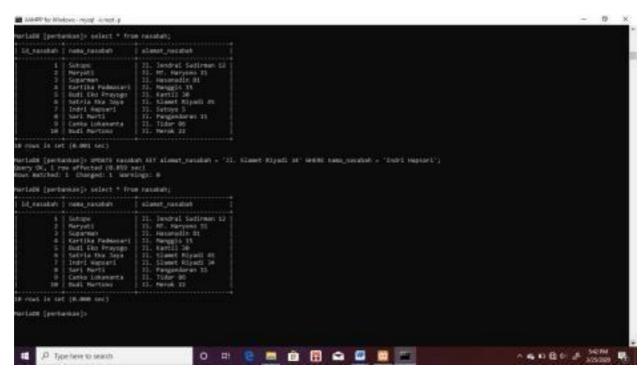
Mengisi (Insert) data pada table nasabah_has_rekening

Mengisi (Insert) data pada table transaksi

```
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 |
+-------------+-------------+--------------+----------------+---------------------+--------+
8 rows in set (0.001 sec)

MariaDB [perbankan]> INSERT INTO transaksi(no_transaksi, no_rekeningFK, id_nasabahFK, jenis_transaksi, tanggal, jumlah) VALUES
    -> (9, 105, 3, 'kredit', "2009-11-18", 50000),
    -> (10, 107, 4, 'debit', "2009-11-19", 100000),
    -> (11, 103, 2, 'debit', "2009-11-19", 100000),
    -> (12, 104, 1, 'debit', "2009-11-19", 50000),
    -> (13, 107, 4, 'kredit', "2009-11-20", 200000),
    -> (14, 105, 3, 'debit', "2009-11-21", 40000),
    -> (15, 104, 1, 'kredit', "2009-11-22", 100000),
    -> (16, 101, 4, 'kredit', "2009-11-22", 20000),
    -> (17, 103, 2, 'debit', "2009-11-22", 50000),
    -> (18, 102, 5, 'debit', "2009-11-25", 50000);
Query OK, 10 rows affected (0.038 sec)
Records: 10  Duplicates: 0  Warnings: 0

MariaDB [perbankan]> INSERT INTO transaksi(no_transaksi, no_rekeningFK, id_nasabahFK, jenis_transaksi, tanggal, jumlah) VALUES
    -> (19, 108, 10, 'debit', "2009-11-26", 100000),
    -> (20, 106, 3, 'kredit', "2009-11-27", 50000),
    -> (21, 103, 2, 'kredit', "2009-11-28", 200000),
    -> (22, 105, 3, 'kredit', "2009-11-28", 100000),
    -> (23, 102, 5, 'debit', "2009-11-30", 20000),
    -> (24, 104, 1, 'debit', "2009-12-1", 50000),
    -> (25, 103, 2, 'debit', "2009-12-2", 40000),
    -> (26, 101, 4, 'debit', "2009-12-4", 50000),
    -> (27, 103, 2, 'kredit', "2009-12-5", 100000),
    -> (28, 102, 5, 'kredit', "2009-12-5", 200000),
    -> (29, 109, 7, 'debit', "2009-12-5", 100000),
    -> (30, 110, 9, 'debit', "2009-12-6", 20000);
Query OK, 12 rows affected (0.024 sec)
Records: 12  Duplicates: 0  Warnings: 0
```

```
MariaDB [perbankan]> select * from transaksi;
+-------------+-------------+--------------+----------------+---------------------+--------+
| no_transaksi | id_nasabahFK | no_rekeningFK | jenis_transaksi | tanggal             | jumlah |
+-------------+-------------+--------------+----------------+---------------------+--------+
|           1 |           3 |          105 | debit          | 2009-11-10 00:00:00 |  50000 |
|           2 |           2 |          103 | debit          | 2009-11-10 00:00:00 |  40000 |
|           3 |           4 |          101 | kredit         | 2009-11-12 00:00:00 |  20000 |
|           4 |           3 |          106 | debit          | 2009-11-13 00:00:00 |  50000 |
|           5 |           5 |          107 | kredit         | 2009-11-13 00:00:00 |  30000 |
|           6 |           1 |          104 | kredit         | 2009-11-15 00:00:00 | 200000 |
|           7 |           9 |          110 | kredit         | 2009-11-15 00:00:00 | 150000 |
|           8 |           5 |          102 | debit          | 2009-11-16 00:00:00 |  20000 |
|           9 |           3 |          105 | kredit         | 2009-11-18 00:00:00 |  50000 |
|          10 |           4 |          107 | debit          | 2009-11-19 00:00:00 | 100000 |
|          11 |           2 |          103 | debit          | 2009-11-19 00:00:00 | 100000 |
|          12 |           1 |          104 | debit          | 2009-11-19 00:00:00 |  50000 |
|          13 |           4 |          107 | kredit         | 2009-11-20 00:00:00 | 200000 |
|          14 |           3 |          105 | debit          | 2009-11-21 00:00:00 |  40000 |
|          15 |           1 |          104 | kredit         | 2009-11-22 00:00:00 | 100000 |
|          16 |           4 |          101 | kredit         | 2009-11-22 00:00:00 |  20000 |
|          17 |           2 |          103 | debit          | 2009-11-22 00:00:00 |  50000 |
|          18 |           5 |          102 | debit          | 2009-11-25 00:00:00 |  50000 |
|          19 |          10 |          108 | debit          | 2009-11-26 00:00:00 | 100000 |
|          20 |           3 |          106 | kredit         | 2009-11-27 00:00:00 |  50000 |
|          21 |           2 |          103 | kredit         | 2009-11-28 00:00:00 | 200000 |
|          22 |           3 |          105 | kredit         | 2009-11-28 00:00:00 | 100000 |
|          23 |           5 |          102 | debit          | 2009-11-30 00:00:00 |  20000 |
|          24 |           1 |          104 | debit          | 2009-12-01 00:00:00 |  50000 |
|          25 |           2 |          103 | debit          | 2009-12-02 00:00:00 |  40000 |
|          26 |           4 |          101 | debit          | 2009-12-04 00:00:00 |  50000 |
|          27 |           2 |          103 | kredit         | 2009-12-05 00:00:00 | 100000 |
|          28 |           5 |          102 | kredit         | 2009-12-05 00:00:00 | 200000 |
|          29 |           7 |          109 | debit          | 2009-12-05 00:00:00 | 100000 |
|          30 |           9 |          110 | debit          | 2009-12-06 00:00:00 |  20000 |
+-------------+-------------+--------------+----------------+---------------------+--------+
30 rows in set (0.001 sec)

MariaDB [perbankan]>
```
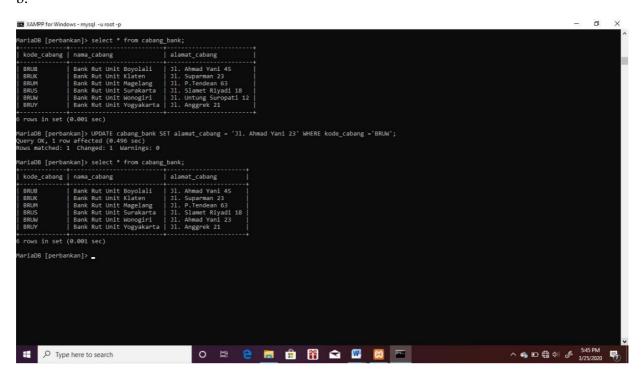
6. Update

a.

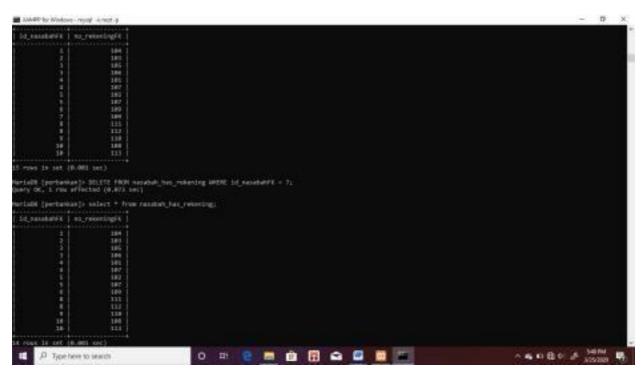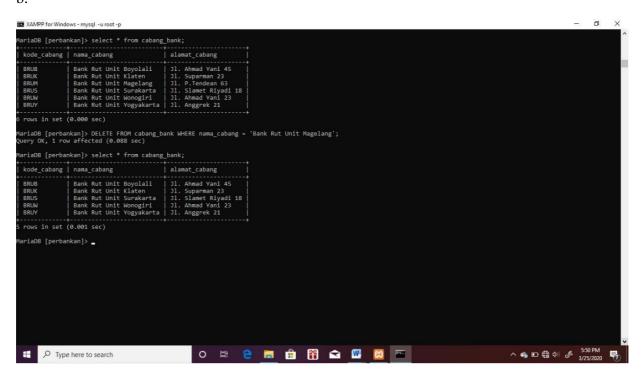
b.

7. Penghapusan data

a.

b.

TUGAS

10 Record tambahan pada masing-masing table master (nasabah, cabang_bank, rekening, nasabah_has_rekening)


```
MariaDB [(none)]> use perbankan;
Database changed
MariaDB [perbankan]> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES
    -> (11, 'Sutomo', 'Jl. Mangga 20'),
    -> (12, 'Suparman', 'Jl. Jeruk 2'),
    -> (13, 'Paijo', 'Jl. Anggur 41'),
    -> (14, 'Winarno', 'Jl. Apel 13'),
    -> (15, 'Wahyu', 'Jl. Semangka 17'),
    -> (16, 'Tika', 'Jl. Nangka 43'),
    -> (17, 'Faridha', 'Jl. Kiwi 56'),
    -> (18, 'Purnama', 'Jl. Srikaya 09'),
    -> (19, 'Kurnia', 'Jl. Jambu 88'),
    -> (20, 'Ramadhan', 'Jl. Duku 15');
Query OK, 10 rows affected (0.337 sec)
Records: 10  Duplicates: 0  Warnings: 0
```



```
MariaDB [perbankan]> INSERT INTO cabang_bank(kode_cabang, nama_cabang, alamat_cabang) VALUES
    -> ('BRUC', 'Bank Rut Unit Cilacap', 'Jl. Soedirman 11'),
    -> ('BRUT', 'Bank Rut Unit Tawangmangu', 'Jl. Cut Nyak Dien 91'),
    -> ('BRUE', 'Bank Rut Unit Ende', 'Jl. Diponegoro 10'),
    -> ('BRUR', 'Bank Rut Unit Rembang', 'Jl. Kartini 07'),
    -> ('BRUA', 'Bank Rut Unit Aceh', 'Jl. Iskandar Muda 24'),
    -> ('BRUD', 'Bank Rut Unit Demak', 'Jl. Pattimura 35'),
    -> ('BRUG', 'Bank Rut Unit Gunung Kidul', 'Jl. Sutomo 17'),
    -> ('BRUJ', 'Bank Rut Unit Jakarta', 'Jl. Martha Christina 73'),
    -> ('BRUL', 'Bank Rut Unit Lampung', 'Jl. Teuku Umar 26'),
    -> ('BRUP', 'Bank Rut Unit Palembang', 'Jl. Achmad Soebardjo 65');
Query OK, 10 rows affected (0.063 sec)
Records: 10  Duplicates: 0  Warnings: 0

MariaDB [perbankan]> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES
    -> (114, 'BRUC', 7896, 280000),
    -> (115, 'BRUE', 1999, 500000),
    -> (116, 'BRUJ', 1998, 1000000),
    -> (117, 'BRUP', 2002, 700000),
    -> (118, 'BRUC', 1122, 560000),
    -> (119, 'BRUA', 3344, 200000),
    -> (120, 'BRUL', 5566, 80000),
    -> (121, 'BRUD', 7788, 680000),
    -> (122, 'BRUT', 9900, 90000),
    -> (123, 'BRUR', 1312, 350000);
Query OK, 10 rows affected (0.221 sec)
Records: 10  Duplicates: 0  Warnings: 0

MariaDB [perbankan]> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES
    -> (11, 115),
    -> (12, 119),
    -> (13, 114),
    -> (14, 120),
    -> (15, 116),
    -> (16, 122),
    -> (17, 117),
    -> (18, 121),
    -> (19, 118),
    -> (20, 123);
Query OK, 10 rows affected (0.254 sec)
Records: 10  Duplicates: 0  Warnings: 0

MariaDB [perbankan]>
```

20 record tambahan pada table transaksi

```
MariaDB [perbankan]> INSERT INTO transaksi(no_transaksi, no_rekeningFK, id_nasabahFK, jenis_transaksi, tanggal, jumlah) VALUES
    -> (31, 115, 10, 'debit', '2010-01-01', 100000),
    -> (32, 120, 14, 'debit', '2010-01-01', 150000),
    -> (33, 121, 18, 'kredit', '2010-01-02', 100000),
    -> (34, 123, 20, 'debit', '2010-01-02', 70000),
    -> (35, 122, 16, 'debit', '2010-01-03', 78000),
    -> (36, 114, 13, 'kredit', '2010-01-03', 800000),
    -> (37, 118, 19, 'kredit', '2010-01-04', 170000),
    -> (38, 122, 16, 'kredit', '2010-01-05', 190000),
    -> (39, 117, 17, 'debit', '2010-01-05', 90000),
    -> (40, 116, 15, 'kredit', '2010-01-06', 560000),
    -> (41, 119, 12, 'debit', '2010-01-06', 61000),
    -> (42, 115, 11, 'kredit', '2010-01-06', 590000),
    -> (43, 121, 18, 'debit', '2010-01-07', 120000),
    -> (44, 117, 17, 'debit', '2010-01-07', 90000),
    -> (45, 120, 14, 'debit', '2010-01-07', 100000),
    -> (46, 116, 15, 'kredit', '2010-01-08', 500000),
    -> (47, 119, 12, 'debit', '2010-01-09', 890000),
    -> (48, 114, 13, 'kredit', '2010-01-09', 170000),
    -> (49, 118, 19, 'kredit', '2010-01-10', 350000),
    -> (50, 117, 17, 'debit', '2010-01-10', 1000000);
Query OK, 20 rows affected (0.093 sec)
Records: 20  Duplicates: 0  Warnings: 0

MariaDB [perbankan]>
```

Show table

```
            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. Slamet Riyadi 34    |
            8 | Sari Murti        | Jl. Pangandaran 11      |
            9 | Canka Lokananta   | Jl. Tidar 86            |
           10 | Budi Murtono      | Jl. Merak 22            |
           11 | Sutomo            | Jl. Mangga 20           |
           12 | Suparman          | Jl. Jeruk 2             |
           13 | Paijo             | Jl. Anggur 41           |
           14 | Winarno           | Jl. Apel 13             |
           15 | Wahyu             | Jl. Semangka 17         |
           16 | Tika              | Jl. Nangka 43           |
           17 | Faridha           | Jl. Kiwi 56             |
           18 | Purnama           | Jl. Srikaya 09          |
           19 | Kurnia            | Jl. Jambu 88            |
           20 | Ramadhan          | Jl. Duku 15             |
+-----------+-------------------+-------------------------+
20 rows in set (0.001 sec)

MariaDB [perbankan]> select * from cabang_bank;
+-------------+--------------------------+------------------------+
| kode_cabang | nama_cabang              | alamat_cabang          |
+-------------+--------------------------+------------------------+
| BRUA        | Bank Rut Unit Aceh        | Jl. Iskandar Muda 24   |
| BRUB        | Bank Rut Unit Boyolali    | Jl. Ahmad Yani 45      |
| BRUC        | Bank Rut Unit Cilacap     | Jl. Soedirman 11       |
| BRUD        | Bank Rut Unit Demak       | Jl. Pattimura 35       |
| BRUE        | Bank Rut Unit Ende        | Jl. Diponegoro 10      |
| BRUG        | Bank Rut Unit Gunung Kidul| Jl. Sutomo 17          |
| BRUJ        | Bank Rut Unit Jakarta     | Jl. Martha Christina 73|
| BRUK        | Bank Rut Unit Klaten      | Jl. Suparman 23        |
| BRUL        | Bank Rut Unit Lampung     | Jl. Teuku Umar 26      |
| BRUP        | Bank Rut Unit Palembang   | Jl. Achmad Soebardjo 65|
| BRUR        | Bank Rut Unit Rembang     | Jl. Kartini 07         |
| BRUS        | Bank Rut Unit Surakarta   | Jl. Slamet Riyadi 18   |
| BRUT        | Bank Rut Unit Tawangmangu | Jl. Cut Nyak Dien 91   |
| BRUW        | Bank Rut Unit Wonogiri    | Jl. Ahmad Yani 23      |
| BRUY        | Bank Rut Unit Yogyakarta  | Jl. Anggrek 21         |
```

```
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 | BRUC         | 7896 |  280000 |
|        115 | BRUE         | 1999 |  500000 |
|        116 | BRUJ         | 1998 | 1000000 |
|        117 | BRUP         | 2002 |  700000 |
|        118 | BRUC         | 1122 |  560000 |
|        119 | BRUA         | 3344 |  200000 |
|        120 | BRUL         | 5566 |   80000 |
|        121 | BRUD         | 7788 |  680000 |
|        122 | BRUT         | 9900 |   90000 |
|        123 | BRUR         | 1312 |  350000 |
+------------+--------------+------+---------+
23 rows in set (0.001 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 |
|           8 |           111 |
|           8 |           112 |
|           9 |           110 |
|          10 |           108 |
|          10 |           113 |
|          11 |           115 |
|          12 |           119 |
|          13 |           114 |
|          14 |           120 |
|          15 |           116 |
|          16 |           122 |
|          17 |           117 |
|          18 |           121 |
|          19 |           118 |
|          20 |           123 |
+-------------+---------------+
24 rows in set (0.001 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 |
|          31 |           10 |           115 | debit          | 2010-01-01 00:00:00 |  100000 |
|          32 |           14 |           120 | debit          | 2010-01-01 00:00:00 |  150000 |
|          33 |           18 |           121 | kredit         | 2010-01-02 00:00:00 |  100000 |
|          34 |           20 |           123 | debit          | 2010-01-02 00:00:00 |   70000 |
|          35 |           16 |           122 | debit          | 2010-01-03 00:00:00 |   78000 |
|          36 |           13 |           114 | kredit         | 2010-01-03 00:00:00 |  800000 |
|          37 |           19 |           118 | kredit         | 2010-01-04 00:00:00 |  170000 |
|          38 |           16 |           122 | kredit         | 2010-01-05 00:00:00 |  190000 |
|          39 |           17 |           117 | debit          | 2010-01-05 00:00:00 |   90000 |
|          40 |           15 |           116 | kredit         | 2010-01-06 00:00:00 |  560000 |
```

```
|          41 |           12 |           119 | debit          | 2010-01-06 00:00:00 |   61000 |
|          42 |           11 |           115 | kredit         | 2010-01-06 00:00:00 |  590000 |
|          43 |           18 |           121 | debit          | 2010-01-07 00:00:00 |  120000 |
|          44 |           17 |           117 | debit          | 2010-01-07 00:00:00 |   90000 |
|          45 |           14 |           120 | debit          | 2010-01-07 00:00:00 |  100000 |
|          46 |           15 |           116 | kredit         | 2010-01-08 00:00:00 |  500000 |
|          47 |           12 |           119 | debit          | 2010-01-09 00:00:00 |  890000 |
|          48 |           13 |           114 | kredit         | 2010-01-09 00:00:00 |  170000 |
|          49 |           19 |           118 | kredit         | 2010-01-10 00:00:00 |  350000 |
|          50 |           17 |           117 | debit          | 2010-01-10 00:00:00 | 1000000 |
+-------------+--------------+---------------+----------------+---------------------+---------+
50 rows in set (0.001 sec)
```