Praktikum Sistem Basis Data
Modul 5

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Menambahkan record ke dalam table nasabah

Menambahkan record ke dalam table cabang_bank

Menambahkan record ke dalam table rekening


```
Command Prompt - mysql  -u root -p                                    —    □    ×
MariaDB [perbankan]> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES
    -> (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',550000),
    -> (111,'BRUk','4321',150000),
    -> (112,'BRUk','0123',300000),
    -> (113,'BRUY','8888',255000);
Query OK, 13 rows affected (0.004 sec)
Records: 13  Duplicates: 0  Warnings: 0

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          | 0000  | 5000000 |
|         109 | BRUB          | 9999  |       0 |
|         110 | BRUY          | 1234  |  550000 |
|         111 | BRUk          | 4321  |  150000 |
|         112 | BRUk          | 0123  |  300000 |
|         113 | BRUY          | 8888  |  255000 |
+-------------+---------------+-------+---------+
13 rows in set (0.000 sec)
```

Menambahkan record ke dalam table nasabah_has_rekening


```
Select Command Prompt - mysql  -u root -p
MariaDB [perbankan]> INSERT INTO nasabah_has_rekening(no_rekeningFK, id_nasabahFK) VALUES
    -> (104, 1),(103,2),
    -> (105, 3),(106,3),
    -> (101, 4),(107,4),
    -> (102, 5),(107,5),
    -> (109, 6),(109,7),
    -> (110, 9),(111,8),
    -> (113, 10),(112,8),
    -> (108, 10);
Query OK, 15 rows affected (0.003 sec)
Records: 15  Duplicates: 0  Warnings: 0

MariaDB [perbankan]> select * from nasabah_has_rekening;
+---------------+--------------+
| no_rekeningFK | id_nasabahFK |
+---------------+--------------+
|           104 |            1 |
|           103 |            2 |
|           105 |            3 |
|           106 |            3 |
|           101 |            4 |
|           107 |            4 |
|           102 |            5 |
|           107 |            5 |
|           109 |            6 |
|           109 |            7 |
|           111 |            8 |
|           112 |            8 |
|           110 |            9 |
|           108 |           10 |
|           113 |           10 |
+---------------+--------------+
15 rows in set (0.000 sec)
```

Menambahkan record ke dalam table transaksi

```
MariaDB [perbankan]> INSERT INTO transaksi(no_transaksi, id_nasabahFK, no_rekeningFK, jenis_transaksi, tanggal, jumlah) VALUES
    -> (1, 3, 105,'debit', '2009-11-10',50000),(2, 2, 101,'debit', '2009-11-10',40000),(3, 4, 101,'kredit', '2009-11-12',20000),
    -> (4, 3, 106,'debit', '2009-11-13',50000),(5, 5, 107,'kredit', '2009-11-13',30000),(6, 1, 104,'kredit', '2009-11-15',200000),
    -> (7, 9, 110,'kredit', '2009-11-15',150000),(8, 5, 102,'debit', '2009-11-16',20000),(9, 3, 105,'kredit', '2009-11-18',50000),
    -> (10, 4, 107,'debit', '2009-11-19',100000),(11, 2, 103,'debit', '2009-11-19',100000),(12, 1, 104,'debit', '2009-11-19',50000),
    -> (13, 4, 107,'kredit', '2009-11-20',200000),(14, 3, 105,'debit', '2009-11-21',40000),(15, 1, 104,'kredit', '2009-11-22',100000),
    -> (16, 4, 101,'kredit', '2009-11-22',20000),(17, 2, 103,'debit', '2009-11-22',50000),(18, 5, 102,'debit', '2009-11-25',50000),
    -> (19, 10, 108,'debit', '2009-11-26',100000),(20, 3, 106,'kredit', '2009-11-27',50000),(21, 2, 103,'kredit', '2009-11-28',200000),
    -> (22, 3, 105,'kredit', '2009-11-28',100000),(23, 5, 102,'debit', '2009-11-30',20000),(24, 1, 104,'debit', '2009-12-1',50000),
    -> (25, 2, 103,'debit', '2009-12-2',40000),(26, 4, 101,'debit', '2009-12-4',50000),(27, 2, 103,'kredit', '2009-12-5',100000),
    -> (28, 5, 102,'kredit', '2009-12-5',200000),(29, 7, 109,'debit', '2009-12-5',100000),(30, 9, 110,'debit', '2009-12-6',20000);
Query OK, 30 rows affected (0.003 sec)
Records: 30  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 |          101 | 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 |
+--------------+--------------+--------------+-----------------+---------------------+--------+
```

Mengubah isi record yang ada dalam table nasabah

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> update nasabah
    -> set alamat_nasabah = 'Jl. Slamet Riyadi 34'
    -> where nama_nasabah = 'Indri Hapsari';
Query OK, 1 row affected (0.005 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [perbankan]> select * from nasabah;
+------------+-------------------+----------------------+
| id_nasabah | nama_nasabah      | alamat_nasabah       |
+------------+-------------------+----------------------+
|          1 | Sutopo            | JL. Jendral Sudirman |
|          2 | Maryati           | Jl. M.T Haryono      |
|          3 | Suparman          | Jl. Hasanudin        |
|          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         |
+------------+-------------------+----------------------+
10 rows in set (0.000 sec)
```

Mengubah isi record yang ada dalam table cabang_bank

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> update cabang_bank
    -> set alamat_cabang = 'Jl. A. Yani 23'
    -> where kode_cabang = 'BRUW';
Query OK, 1 row affected (0.002 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. Anggrek 21       |
| BRUM        | Bank Rut Unit Magelang | Jl. P Tendean 63     |
| BRUS        | Bank Rut Unit Surakarta | Jl. Slamet Riyadi 18 |
| BRUW        | Bank Rut Unit Wonogiri | Jl. A. Yani 23       |
| BRUY        | Bank Rut Unit Yogyakarta | Jl. Suparman 23    |
+-------------+------------------------+----------------------+
6 rows in set (0.000 sec)
```

Menghapus record yang ada dalam table nasabah dan cabang_bank

```
Command Prompt - mysql  -u root -p

MariaDB [perbankan]> delete from nasabah
    -> where id_nasabah = 7;
Query OK, 1 row affected (0.003 sec)

MariaDB [perbankan]> select * from nasabah;
+------------+-------------------+----------------------+
| id_nasabah | nama_nasabah      | alamat_nasabah       |
+------------+-------------------+----------------------+
|          1 | Sutopo            | JL. Jendral Sudirman |
|          2 | Maryati           | Jl. M.T Haryono      |
|          3 | Suparman          | Jl. Hasanudin        |
|          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 (0.003 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. Anggrek 21       |
| BRUS        | Bank Rut Unit Surakarta | Jl. Slamet Riyadi 18 |
| BRUW        | Bank Rut Unit Wonogiri | Jl. A. Yani 23       |
| BRUY        | Bank Rut Unit Yogyakarta | Jl. Suparman 23    |
+-------------+------------------------+----------------------+
5 rows in set (0.000 sec)
```