### Praktikum Sistem Basis Data Modul 5

Nama: Edi Supriyanto NIM: L200180002

Kelas : A

#### Menambahkan record ke dalam table nasabah

```
Command Prompt - mysgl -u root -p
                                                                                                                                                                                               П
                                                                                                                                                                                                             X
Database changed
MariaDB [perbankan] > INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES
-> (2, 'Maryati',']l. M.T Haryono'),
-> (3, 'Suparman',']l. Hasanudin'),
-> (4, 'Kartika Padmasari',']l. Manggis 15'),
-> (5, 'Budi Eko Prayogo',']l. Kantil 30'),
-> (6, 'Satria Eka Jaya',']l. Slamet Riyadi 45'),
-> (7, 'Indri Hapsari',']l. Sutoyo 5'),
-> (8, 'Sari Murti',']l. Pangandaran 11'),
-> (9, 'Canka Lokananta',']l. Tidar 86'),
-> (10, 'Budi Murtono',']l. Merak 22');
Query OK, 9 rows affected (0.003 sec)
Records: 9 Duplicates: 0 Warnings: 0
 atabase changed
 lariaDB [perbankan]> select * from nasabah;
   id_nasabah | nama_nasabah
                                                                 | alamat_nasabah
                                                                     JL. Jendral Sudirman
                            Maryati
                                                                     Jl. M.T Haryono
                            Suparman
                                                                     Jl. Hasanudin
                            Kartika Padmasari
                                                                     Jl. Manggis 15
                            Budi Eko Prayogo
                                                                     Jl. Kantil 30
                            Satria Eka Jaya
Indri Hapsari
                                                                     Jl. Slamet Riyadi 45
                                                                     Jl. Pangandaran 11
                            Sari Murti
                            Canka Lokananta
                                                                     Jl. Tidar 86
                            Budi Murtono
                                                                     Jl. Merak 22
```

### Menambahkan record ke dalam table cabang bank

```
Command Prompt - mysql -u root -p
      iaDB [perbankan]> INSERT INTO cabang_bank(kode_cabang, nama_cabang, alamat_cabang) VALUES
-> ('BRUS', 'Bank Rut Unit Surakarta','Jl. Slamet Riyadi 18'),
-> ('BRUM', 'Bank Rut Unit Magelang','Jl. P Tendean 63'),
-> ('BRUB', 'Bank Rut Unit Boyolali','Jl. Ahmad Yani 45'),
-> ('BRUY', 'Bank Rut Unit Yogyakarta','Jl. Suparman 23'),
-> ('BRUK', 'Bank Rut Unit Klaten','Jl. Anggrek 21'),
-> ('BRUW', 'Bank Rut Unit Wonogiri','Jl. Untung Suropati 12');
con OK 6 pows affected (0 002 sec)
Query OK, 6 rows affected (0.002 sec)
Records: 6 Duplicates: 0 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
                                                                           Jl. P Tendean 63
   BRUM
                            Bank Rut Unit Magelang
   BRUS
                            Bank Rut Unit Surakarta
                                                                           Jl. Slamet Riyadi 18
                            Bank Rut Unit Wonogiri
   BRUW
                                                                           Jl. Untung Suropati 12
   BRUY
                            Bank Rut Unit Yogyakarta | Jl. Suparman 23
   rows in set (0.000 sec)
```

### Menambahkan record ke dalam table rekening

```
Command Prompt - mysql -u root -p
                                                                                                                                                                                                                 MariaDB [perbankan]> INSERT INTO rekenin
-> (101, 'BRUS', '1111',500000),
-> (102, 'BRUS', '2222',350000),
-> (103, 'BRUS', '2222',350000),
-> (104, 'BRUM', '4444',900000),
-> (105, 'BRUM', '5555',2000000),
-> (106, 'BRUS', '6666',3000000),
-> (107, 'BRUS', '7777',1000000),
-> (108, 'BRUB', '0000',5000000),
-> (109, 'BRUB', '999',0),
-> (110, 'BRUV', '1234',550000),
-> (111, 'BRUK', '4321',150000),
-> (112, 'BRUK', '4321',350000),
-> (113, 'BRUY', '8888',255000);

Query OK, 13 rows affected (0.004 sec)
Records: 13 Duplicates: 0 Warnings: 0
   lariaDB [perbankan]> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES
 MariaDB [perbankan]> select * from rekening;
     no_rekening | kode_cabangFK | pin | saldo
                       101 | BRUS
                                                                                        500000
                      102 |
103 |
                                                                                        350000
                                   BRUS
                                                                      2222
                                                                                        750000
                                   BRUS
                                   BRUM
                                                                      4444
                                                                                       900000
                                   BRUM
                                                                                      2000000
                                    BRUS
                                                                                       3000000
                                    BRUS
                                                                                       1000000
                                    BRUB
                                                                      0000
                                                                                       5000000
                                                                      9999
1234
                                    BRUB
                                                                                        550000
                       110
                                   BRUY
                      111
                                   BRUk
                                                                                        150000
                                    BRUk
                                                                                        300000
                       113
                                   BRUY
                                                                                        255000
                                                                      8888
```

## Menambahkan record ke dalam table nasabah has rekening

# Menambahkan record ke dalam table transaksi

:iaDB [perbank -> (1, 3, 16 -> (4, 3, 16 -> (7, 9, 11 -> (10, 4, 16 -> (13, 4, 16 -> (19, 10, 10) -> (22, 3, 16 -> (28, 5, 16 -> (28	05, 'debit', '200 06, 'debit', '200 10, 'kredit', '20 107, 'debit', '20 107, 'kredit', '20 108, 'debit', '20 105, 'kredit', '20	TO transaksi(no_' 19-11-10',50000), 19-11-3',50000), 109-11-15',50000), 109-11-15',50000, 109-11-12',2000( 1090-11-20',2000( 1090-11-22',2000( 1090-11-28',1000( 1090-11-28',1000( 1090-11-28',1000( 1090-11-28',1000( 1090-11-28',000( 1090-11-28',000( 1090-11-28',000	,(2, 2, 101, 'debit ,(5, 5, 107, 'kredi' 3),(8, 5, 102, 'deb 3),(11, 2, 103, 'del 30),(14, 3, 105, 'del 30),(17, 2, 103, 'del 30),(20, 3, 106, 'k) 30),(23, 5, 102, 'del 4,(26, 4, 101, 'debi'	', '2009-11-10',40000) t', '2009-11-13',30000) ti', '2009-11-16',2000 bit', '2009-11-19',1000 bit', '2009-11-21',400 bit', '2009-11-22',500 redit', '2009-11-30',200 t', '2009-12-4',50000)	(3, 4, 101, 14, 16, 16, 1, 104, 10), (9, 3, 105, 100), (12, 1, 100), (18, 5, 100), (21, 2, 100), (24, 1, 100), (27, 2, 103, 10), (27, 27, 20), (27, 27, 27, 20), (27, 27, 27, 27, 27, 27, 27, 27, 27, 27,	si, tanggal, jumlah) VALUES kredit', '2009-11-12', 20000), 'kredit', '2009-11-13', 200000), 'kredit', '2009-11-18', 50000), 'l44, 'debit', '2009-11-18', 50000), '164, 'kredit', '2009-11-22', 100000) '20, 'debit', '2009-11-28', 200000 '103, 'kredit', '2009-11-28', 200000), 'kredit', '2009-12-1', 50000), 'kredit', '2009-12-1', 50000), 'kredit', '2009-12-6', 20000);
o_transaksi	id_nasabahFK	no_rekeningFK	jenis_transaksi	tanggal	jumlah	
		405		t 2000 44 40 00 00 00	<del>-</del>	
1 2	3 2	105	debit debit	2009-11-10 00:00:00	50000   40000	
3	4	101 101	kredit	2009-11-10 00:00:00 2009-11-12 00:00:00	20000	
4	3	101	debit	2009-11-12 00:00:00	50000	
5	5	107			30000	
6	1	104	kredit	2009-11-13 00:00:00	200000	
7	9		kredit	2009-11-15 00:00:00		
8	5	110	kredit debit	2009-11-15 00:00:00	150000   20000	
9	3	102 105	kredit	2009-11-16 00:00:00 2009-11-18 00:00:00	50000	
10	4	107	debit	2009-11-18 00:00:00	100000	
10	2	107	debit	2009-11-19 00:00:00	100000	
12	1	104	debit	2009-11-19 00:00:00	50000	
13	4	107	kredit	2009-11-19 00:00:00	200000	
14	3	105	debit		40000	
15	1	103	kredit	2009-11-21 00:00:00 2009-11-22 00:00:00	100000	
16	4	104	kredit	2009-11-22 00:00:00	20000	
17	2	103	debit	2009-11-22 00:00:00	50000	
18	5	102	debit	2009-11-22 00:00:00	50000	
19	10	102	debit	2009-11-25 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	103	debit	2009-11-30 00:00:00	20000	
24	1	102	debit	2009-12-01 00:00:00	50000	
25	2	103	debit	2009-12-01 00:00:00	40000	
26	4	101	debit	2009-12-02 00:00:00	50000	
27	2	103	kredit	2009-12-05 00:00:00	100000	
28	5	103	kredit	2009-12-05 00:00:00	200000	
29		109	debit	2009-12-05 00:00:00	100000	
30	9	110		2009-12-05 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
fariaDB [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
                Indri Hapsari
                                     Jl. Slamet Riyadi 34
           8 | Sari Murti
                                     Jl. Pangandaran 11
              Canka Lokananta
                                       Jl. Tidar 86
          10 | Budi Murtono
                                     Jl. Merak 22
LO 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
                | Bank Rut Unit Boyolali
  BRUB
                                                | Jl. Ahmad Yani 45
                | Bank Rut Unit Klaten
| Bank Rut Unit Magelang
  BRUk
                                                 Jl. Anggrek 21
  BRUM
                                                 Jl. P Tendean 63
                | Bank Rut Unit Surakarta | Jl. Slamet Riyadi 18
| Bank Rut Unit Wonogiri | Jl. A. Yani 23
  BRUS
  BRUW
  BRUY
                | Bank Rut Unit Yogyakarta | Jl. Suparman 23
  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 Jl. Hasanudin 3 | Suparman 4 | Kartika Padmasari | Jl. Manggis 15 Jl. Kantil 30 Budi Eko Prayogo Jl. Slamet Riyadi 45 Satria Eka Jaya 6 Sari Murti Jl. Pangandaran 11 8 Jl. Tidar 86 Canka Lokananta 10 | Budi Murtono Jl. Merak 22 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 Jl. Slamet Riyadi 18 BRUS Bank Rut Unit Surakarta Bank Rut Unit Wonogiri | Jl. A. Yani 23 BRUW BRUY | Bank Rut Unit Yogyakarta | Jl. Suparman 23

rows in set (0.000 sec)