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Kelas E

Modul 5

1. Nasabah

```
Command Prompt - mysql -u root -p
Query OK, 1 row affected (0.11 sec)

MariaDB [perbankan]> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES(2, 'Maryati', 'Jl.MT.Haryono 31');
Query OK, 1 row affected (0.10 sec)

MariaDB [perbankan]> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES(3, 'Suparman', 'Jl.Hasanudin 81');
Query OK, 1 row affected (0.10 sec)

MariaDB [perbankan]> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES(4, 'Kartika Padmasari', 'Jl.Manggis 15');
Query OK, 1 row affected (0.16 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 (0.06 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 (0.16 sec)

MariaDB [perbankan]> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES(7, 'Indri Hapsari', 'Jl.Sutoyo 5');
Query OK, 1 row affected (0.04 sec)

MariaDB [perbankan]> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES(8, 'Sari Murni', 'Jl.Pangandaran 15');
Query OK, 1 row affected (0.16 sec)

MariaDB [perbankan]> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES(9, 'Canka Lokananta', 'Jl.Tidar 86');
Query OK, 1 row affected (0.17 sec)

MariaDB [perbankan]> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES(10, 'Budi Murtono', 'Jl.Merak 22');
Query OK, 1 row affected (0.04 sec)

MariaDB [perbankan]> select * from nasabah;
```

id_nasabah	nama_nasabah	alamat_nasabah
1	Sutopo	Jl.Jendral Sudirman
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 Murni	Jl.Pangandaran 15
9	Canka Lokananta	Jl.Tidar 86
10	Budi Murtono	Jl.Merak 22

2. Cabang bank

```
Command Prompt - mysql -u root -p
10 rows in set (0.00 sec)

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 (0.10 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 (0.04 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 (0.14 sec)

MariaDB [perbankan]> INSERT INTO cabang_bank(kode_cabang, nama_cabang, alamat_cabang) VALUES('BRUK', 'Bank Rut Unit Klaten', 'Jl.Suparman 23');
Query OK, 1 row affected (0.18 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 (0.11 sec)

MariaDB [perbankan]> INSERT INTO cabang_bank(kode_cabang, nama_cabang, alamat_cabang) VALUES('BRUN', 'Bank Rut Unit Wonogiri', 'Jl.Untung Suropati 12');
Query OK, 1 row affected (0.06 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
BRUM	Bank Rut Unit Magelang	Jl.P.Tendean 63
BRUS	Bank Rut Unit Surakarta	Jl.Slamet Riyadi 18
BRUN	Bank Rut Unit Wonogiri	Jl.Untung Suropati 12
BRUY	Bank Rut Unit Yogyakarta	Jl.Anggrek 21

```
6 rows in set (0.00 sec)

MariaDB [perbankan]>
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]>
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]>
MariaDB [perbankan]> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(101, 'BRUS', 1111, 500000);
Query OK, 1 row affected (0.11 sec)
```

3. Rekening

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(106, 'BRUS', 6666, 3000000);
Query OK, 1 row affected (0.15 sec)

MariaDB [perbankan]> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(107, 'BRUS', 7777, 1000000);
Query OK, 1 row affected (0.16 sec)

MariaDB [perbankan]> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(108, 'BRUB', 0000, 5000000);
Query OK, 1 row affected (0.18 sec)

MariaDB [perbankan]> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(109, 'BRUB', 9999, 0);
Query OK, 1 row affected (0.15 sec)

MariaDB [perbankan]> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(110, 'BRUY', 1234, 550000);
Query OK, 1 row affected (0.04 sec)

MariaDB [perbankan]> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(111, 'BRUK', 4321, 150000);
Query OK, 1 row affected (0.18 sec)

MariaDB [perbankan]> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(112, 'BRUK', 0123, 300000);
Query OK, 1 row affected (0.04 sec)

MariaDB [perbankan]> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES(113, 'BRUY', 8888, 255000);
Query OK, 1 row affected (0.16 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 |
+-----+-----+-----+-----+
13 rows in set (0.00 sec)
```

4. Nasabah has rekening

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> INSERT INTO nasabah_has_rekening(id_nasabah, no_rekening) VALUES
-> (1, 104),
-> (2, 103),
-> (3, 105),
-> (3, 106),
-> (4, 101),
-> (4, 107),
-> (5, 102),
-> (5, 107),
-> (6, 109),
-> (7, 109),
-> (8, 111),
-> (9, 110),
-> (10, 113),
-> (8, 112),
-> (10, 108);
Query OK, 15 rows affected (0.04 sec)
Records: 15 Duplicates: 0 Warnings: 0
```

5. Transaksi

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> INSERT INTO transaksi(no_transaksi, no_rekening, id_nasabah, jenis_transaksi, tanggal, jumlah) VALUES
-> (1, 105, 3, 'debit', 2009-11-10, 50000),
-> (2, 103, 2, 'debit', 2009-11-10, 40000),
-> (3, 101, 4, 'kredit', 2009-11-12, 20000),
-> (4, 106, 3, 'debit', 2009-11-13, 50000),
-> (5, 107, 5, 'kredit', 2009-11-13, 30000),
-> (6, 104, 1, 'kredit', 2009-11-15, 200000),
-> (7, 110, 9, 'kredit', 2009-11-15, 150000),
-> (8, 102, 5, 'debit', 2009-11-16, 20000),
-> (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),
-> (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, 30 rows affected, 30 warnings (0.14 sec)
Records: 30 Duplicates: 0 Warnings: 30
```

6. Update

CA. Command Prompt - mysql -u root -p

```
MariaDB [perbankan]> UPDATE nasabah  
  -> SET alamat_nasabah = 'Jalan Slamet Riyadi No. 34'  
  -> WHERE nama_nasabah = 'Indri Hapsari';  
Query OK, 0 rows affected (0.07 sec)  
Rows matched: 1  Changed: 0  Warnings: 0
```

```
MariaDB [perbankan]> UPDATE cabang_bank  
  -> SET alamat_cabang = 'Jalan A. Yani No. 23'  
  -> WHERE kode_cabang = 'BRUW';  
Query OK, 0 rows affected (0.05 sec)  
Rows matched: 1  Changed: 0  Warnings: 0
```

7. Delete

```
MariaDB [perbankan]> DELETE FROM cabang_bank  
  -> WHERE nama_cabang = 'Bank Rut Unit Magelang';  
Query OK, 0 rows affected (0.00 sec)
```

CA. Command Prompt - mysql -u root -p

```
MariaDB [perbankan]> DELETE FROM nasabah  
  -> WHERE nama_nasabah = 'Indri Hapsari';  
  -> '  
Query OK, 0 rows affected (0.00 sec)
```