

NAMA : DEWI RAHMAWATI

NIM : L200170188

KELAS : G

MODUL : 5

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## DATA BASE

1. Mengetikkan nasabah, seperti dibawah ini :

```
MariaDB [(none)]> use perbankan;
Database changed
MariaDB [perbankan]> insert into nasabah(id_nasabah, nama_nasabah,alamat_nasabah)
value
-> (1, 'Sutopo','Jl. jendral Sudirman'),
-> (2, 'Maryati','Jl. MT Haryono 1'),
-> (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 Murtono','Jl. Merak 22');
Query OK, 10 rows affected (0.06 sec)
Records: 10 Duplicates: 0 Warnings: 0
```

2. Menampilkan tabel nasabah :

```
MariaDB [perbankan]> select * from nasabah;
+-----+-----+-----+
| id_nasabah | nama_nasabah | alamat_nasabah |
+-----+-----+-----+
| 1 | Sutopo | Jl. jendral Sudirman |
| 2 | Maryati | Jl. MT Haryono 1 |
| 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 Murtono | Jl. Merak 22 |
+-----+-----+-----+
10 rows in set (0.06 sec)
```

3. Mengetikkan cabang\_bank, seperti dibawah ini :

```
MariaDB [perbankan]> insert into cabang_bank(kode_cabang, nama_cabang,alamat_cab
ang)value
-> ('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'),
-> ('BRUK', 'Bank Rut Unit Klaten','Jl. Suparman 23'),
-> ('BRUY', 'Bank Rut Unit Yogyakarta','Jl. Anggrek 21'),
-> ('BRUW', 'Bank Rut Unit Wonogiri','Jl. Untung Suropati 12');
Query OK, 6 rows affected (0.09 sec)
Records: 6 Duplicates: 0 Warnings: 0
```

4. Menampilkan tabel cabang\_bank :

```
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
BRUW	Bank Rut Unit Wonogiri	Jl. Untung Suropati 12
BRUY	Bank Rut Unit Yogyakarta	Jl. Anggrek 21

5. Mengetikkan rekening, seperti dibawah ini :

```
MariaDB [perbankan]> insert into rekening(no_rekening+k, kode_cabang+k, pin, saldo,
value
-> (101, 'BRUS', '1111', 500000),
-> (102, 'BRUS', '2222', 350000),
-> (103, 'BRUS', '3333', 750000),
-> (104, 'BRUM', '4444', 900000),
-> (105, 'BRUM', '5555', 200000),
-> (106, 'BRUS', '6666', 300000),
-> (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);
```

6. Menampilkan tabel rekening :

```
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	200000
106	BRUS	6666	300000
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

7. Menampilkan nasabah\_has\_rekening :

```

MariaDB [perbankan]> insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK) value
-> (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 (0.08 sec)
Records: 15  Duplicates: 0  Warnings: 0

```

8. Menampilkan tabel nasabah\_has\_rekening :

```

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 |
| 7 | 109 |
| 8 | 111 |
| 8 | 112 |
| 9 | 110 |
| 10 | 108 |
| 10 | 113 |
+-----+-----+
15 rows in set (0.00 sec)

```

9. Mengetikkan transaksi, seperti dibawah ini :

```

MariaDB [perbankan]> insert into transaksi(no_transaksi, id_nasabahfk, no_rekeningfk, jenis_transaksi, tanggal, jumlah)value
-> (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', 20000),
-> (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 (0.14 sec)
Records: 30 Duplicates: 0 Warnings: 0

```

10. Menampilkan tabel transaksi :

```

MariaDB [perbankan]> 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	4	kredit	2009-11-12 00:00:00	20000
4	106	3	debit	2009-11-13 00:00:00	50000
5	107	5	kredit	2009-11-13 00:00:00	30000
6	104	1	kredit	2009-11-15 00:00:00	200000
7	110	9	kredit	2009-11-15 00:00:00	150000
8	102	5	debit	2009-11-16 00:00:00	20000
9	105	3	kredit	2009-11-18 00:00:00	50000
10	107	4	debit	2009-11-19 00:00:00	100000
11	103	2	debit	2009-11-19 00:00:00	100000
12	104	1	debit	2009-11-19 00:00:00	50000
13	107	4	kredit	2009-11-20 00:00:00	20000
14	105	3	debit	2009-11-21 00:00:00	40000
15	104	1	kredit	2009-11-22 00:00:00	100000
16	101	4	kredit	2009-11-22 00:00:00	20000
17	103	2	debit	2009-11-22 00:00:00	50000
18	102	5	debit	2009-11-25 00:00:00	50000
19	108	10	debit	2009-11-26 00:00:00	100000
20	106	3	kredit	2009-11-27 00:00:00	50000
21	103	2	kredit	2009-11-28 00:00:00	200000
22	105	3	kredit	2009-11-28 00:00:00	100000
23	102	5	debit	2009-11-30 00:00:00	20000
24	104	1	debit	2009-12-01 00:00:00	50000
25	103	2	debit	2009-12-02 00:00:00	40000
26	101	4	debit	2009-12-04 00:00:00	50000
27	103	2	kredit	2009-12-05 00:00:00	100000
28	102	5	kredit	2009-12-05 00:00:00	200000
29	109	7	debit	2009-12-05 00:00:00	100000
30	110	9	debit	2009-12-06 00:00:00	20000

```

30 rows in set (0.00 sec)

```

11. Melakukan update kasus, seperti dibawah ini :

```

MariaDB [perbankan]> update nasabah
  -> set alamat_nasabah= 'Jalan Slamet Riyadi No.34'
  -> where nama_nasabah = 'Indri Hapsari';
Query OK, 1 row affected (0.07 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [perbankan]> update cabang_bank
  -> set alamat_cabang = 'Jalan A. Yani No.23'
  -> where kode_cabang = 'BRUW';
Query OK, 1 row affected (0.08 sec)
Rows matched: 1  Changed: 1  Warnings: 0

```

12. Melakukan penghapusan kasus, seperti dibawah ini :

```

MariaDB [perbankan]> delete from nasabah
  -> where id_nasabah = 7;
Query OK, 1 row affected (0.08 sec)

MariaDB [perbankan]> delete from cabang_bank
  -> where nama_cabang = 'Bank Rut Unit Magelang'
  -> ;
Query OK, 1 row affected (0.07 sec)

```