Nama: Angieta Putri Wahendra

NIM : L200170096

Kelas : D Modul : 5

LATIHAN

1. Tabel nasabah

2. Tabel cabang_bank

```
mysql> insert into cabang_bank(kode_cabang, nama_cabang, alamat_cabang) values ('BRUS', 'Bank Rut Unit Surakarta', 'Jl.Slamet Riyadi 18'), ('BRUM', 'Bank Rut Unit Magel 18'),
```

3. Tabel rekening

```
nysql> 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 (0.09 sec)
Records: 13 Duplicates: 0 Warnings: 0
mysql> select * from rekening;
   no_rekening | kode_cabangFK | pin
                                                                                                   500000
                                   BRUS
BRUS
BRUM
BRUM
                                                                              2222
3333
4444
                                                                                                   350000
750000
                        102
                        103
                      104
105
                                                                                                  900000
                                                                               6666
7777
                      106
107
                                     BRUS
BRUS
                                                                                                3000000
1000000
                                                                               0000
9999
1234
4321
                                     BRUB
BRUB
                        108
                        109
                                                                                                                0
                                     BRUY
BRUK
                                                                                                   150000
                                     BRUY
                                                                               8888
                                                                                                   255000
  3 rows in set (0.00 sec)
```

4. Tabel nasabah_has_rekening

```
mysql> insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK) 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 (0.07 sec)
Records: 15 Duplicates: 0 Warnings: 0
mysql> select * from nasabah has rekening;
   id_nasabahFK | no_rekeningFK
                                                105
                                                106
                                                101
                                                107
                                                102
                                                107
                                                109
                                                109
                                                110
                     10
                                                108
                     10
15 rows in set (0.00 sec)
```

5. Tabel transaksi

```
mysql> insert into transaksi(no_transaksi, no_rekeningFK, id_nasabahFK, jenis_transaksi, tanggal, jumlah) values
-> (NULL, 105, 3, 'debit', DEFAULT, 50000), (NULL, 103, 2, 'debit', DEFAULT, 40000), (NULL, 101, 4, 'kredit', DEFAULT, 20000),
-> (NULL, 106, 3, 'debit', DEFAULT, 50000), (NULL, 107, 5, 'kredit', DEFAULT, 30000), (NULL, 104, 1, 'kredit', DEFAULT, 200000),
-> (NULL, 110, 9, 'kredit', DEFAULT, 150000), (NULL, 105, 5, 'debit', DEFAULT, 50000), (NULL, 105, 3, 'kredit', DEFAULT, 50000), (NULL, 103, 2, 'debit', DEFAULT, 100000), (NULL, 104, 1, 'kredit', DEFAULT, 100000),
-> (NULL, 107, 4, 'kredit', DEFAULT, 200000), (NULL, 105, 3, 'debit', DEFAULT, 50000),
-> (NULL, 101, 4, 'kredit', DEFAULT, 200000), (NULL, 103, 2, 'debit', DEFAULT, 50000), (NULL, 102, 5, 'debit', DEFAULT, 50000),
-> (NULL, 108, 10, 'debit', DEFAULT, 100000), (NULL, 106, 3, 'kredit', DEFAULT, 50000), (NULL, 103, 2, 'kredit', DEFAULT, 200000),
-> (NULL, 105, 3, 'kredit', DEFAULT, 100000), (NULL, 105, 3, 'kredit', DEFAULT, 50000), (NULL, 104, 1, 'debit', DEFAULT, 200000),
-> (NULL, 105, 3, 'kredit', DEFAULT, 40000), (NULL, 101, 4, 'debit', DEFAULT, 50000), (NULL, 104, 1, 'debit', DEFAULT, 200000),
-> (NULL, 105, 5, 'kredit', DEFAULT, 40000), (NULL, 101, 4, 'debit', DEFAULT, 50000), (NULL, 104, 1, 'debit', DEFAULT, 100000),
-> (NULL, 103, 2, 'debit', DEFAULT, 40000), (NULL, 104, 'debit', DEFAULT, 50000), (NULL, 104, 1, 'debit', DEFAULT, 100000),
-> (NULL, 102, 5, 'kredit', DEFAULT, 200000), (NULL, 109, 7, 'debit', DEFAULT, 100000), (NULL, 109, 9, 'debit', DEFAULT, 200000);
Query OK, 30 rows affected (0.08 sec)
Records: 30 Duplicates: 0 Warnings: 0
```

o_transaksi	id_nasabahFK	no_rekeningFK	jenis_transaksi	tanggal	jumlah
1	3	105	debit	2019-04-02 22:30:39	50000
2	2	103	debit	2019-04-02 22:30:39	40000
3	4	101	kredit	2019-04-02 22:30:39	20000
4] 3	106	debit	2019-04-02 22:30:39	50000
5	5	107	kredit	2019-04-02 22:30:39	30000
6	1	104	kredit	2019-04-02 22:30:39	200000
7	9	110	kredit	2019-04-02 22:30:39	150000
8	5	102	debit	2019-04-02 22:30:39	20000
9	3	105	kredit	2019-04-02 22:30:39	50000
10	4	107	debit	2019-04-02 22:30:39	100000
11	2	103	debit	2019-04-02 22:30:39	100000
12	1	104	debit	2019-04-02 22:30:39	50000
13	4	107	kredit	2019-04-02 22:30:39	200000
14	3	105	debit	2019-04-02 22:30:39	40000
15	1	104	kredit	2019-04-02 22:30:39	100000
16	4	101	kredit	2019-04-02 22:30:39	20000
17	2	103	debit	2019-04-02 22:30:39	50000
18	5	102	debit	2019-04-02 22:30:39	50000
19	10	108	debit	2019-04-02 22:30:39	100000
20	3	106	kredit	2019-04-02 22:30:39	50000
21	2	103	kredit	2019-04-02 22:30:39	200000
22	3	105	kredit	2019-04-02 22:30:39	100000
23	5	102	debit	2019-04-02 22:30:39	20000
24	1	104	debit	2019-04-02 22:30:39	50000
25	2	103	debit	2019-04-02 22:30:39	40000
26	4	101	debit	2019-04-02 22:30:39	50000
27	2	103	kredit	2019-04-02 22:30:39	100000
28	5	102	kredit	2019-04-02 22:30:39	200000
29	7	109	debit	2019-04-02 22:30:39	100000
30	9	110	debit	2019-04-02 22:30:39	20000

6. Update

a. Nasabah dengan nama "Indri Hapsari" pindah alamat ke "Jalan Slamet Riyadi No.34"

```
mysql> select * from nasabah;

| id_nasabah | nama_nasabah | alamat_nasabah |

| 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 | Satrla Eka Jaya | Jl.Slamet Riyadi 45 |
| 7 | Indri Hapsari | Jl.Sutoyo 5 |
| 8 | Sari Murti | Jl.Pangandarah 11 |
| 9 | Canka Lokananta | Jl.Tidar 86 |
| 10 | Budi Murtono | Jl.Merak 22 |

10 rows in set (0.00 sec)
```

```
mysql> update nasabah set alamat_nasabah = 'Jalan Slamet Riyadi No.34'
-> where nama_nasabah = 'Indri Hapsari';
Query OK, 1 row affected (0.11 sec)
Rows matched: 1 Changed: 1 Warnings: 0

mysql> select * from nasabah;
| id_nasabah | nama_nasabah | alamat_nasabah |
| 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 |
| 0 | Satria eka Jaya | Jl.Slammet Riyadi 45 |
| 7 | Indri Hapsari | Jalan Slamet Riyadi No.34 |
| 9 | Canka Lokananta | Jl.Tidar 86 |
| 10 | Budi Murtono | Jl.Merak 22 |
| 10 rows in set (0.00 sec)
```

b. Cabang dengan kode "BRUW" pindah ke alamat "Jalan A.Yani No.23"

```
ysql> select * from cabang_bank;
 kode_cabang | nama_cabang
                                                   alamat_cabang
                  Bank Rut Unit Boyolali
                                                    Jl.Ahmad Yani 45
 BRUB
                  Bank Rut Unit Klaten
Bank Rut Unit Magelang
Bank Rut Unit Surakanta
                                                    Jl.Suparman 23
Jl.P.Tendean 63
 BRUK
BRUM
                | Bank Rut Unit Wonogiri | Jl.Untung Suropati 12
BRUW
 BRUY
                | Bank Rut Unit Yogyakarta | Jl.Anggrek 21
 rows in set (0.00 sec)
nysql> update cabang_bank set alamat_cabang = 'Jalan A.Yani No.23'
-> where kode cabang = 'BRUW';
Query OK, 1 row affected (0.13 sec)
Rows matched: 1 Changed: 1 Warnings: 0
mysql> select * from cabang_bank;
                                                     | alamat_cabang
 kode_cabang | nama_cabang
 BRUB
                    Bank Rut Unit Boyolali
                                                        Jl.Ahmad Yani 45
                   Bank Rut Unit Klaten
Bank Rut Unit Magelang
Bank Rut Unit Surakarta
                                                       Jl.Suparman 23
Jl.P.Tendean 63
Jl.Slamet Rivadi 18
 BRUK
 BRUM
                  | Bank Rut Unit Wonogiri
BRUW
                                                   Jalan A.Yani No.23
                 | Bank Kut Unit Yogyakarta | Ji.Anggrek Zi
 rows in set (0.00 sec)
```

7. Delete

a. Nasabah dengan id "7" menutup rekeningnya

```
mysql> delete from nasabah
-> where id_nasabah = 7;
Query OK, 1 row affected (0.08 sec)

mysql> select * from nasabah;
| id_nasabah | nama_nasabah | alamat_nasabah |
| 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 |
| 8 | Sari Murti | Jl.Pangandaran 11 |
| 9 | Canka Lokananta | Jl.Tidar 86 |
| 10 | Budi Murtono | Jl.Merak 22 |
```

b. Cabang dengan nama cabang "Bank Rut Unit Magelang" menutup kantornya

TUGAS

1) Tabel nasabah

2) Tabel cabang_bank

```
mysql> insert into cabang bank(kode_cabang, nama_cabang, alamat_cabang) values

-> ('BRUD', 'Bank Rut Unit Jakarta', 'Jl.Mawar 7'),

-> ('BRUD', 'Bank Rut Unit Acch', 'Jl.Kalengkeng 5'),

-> ('BRUDA', 'Bank Rut Unit Gemolong', 'Jl.Sudirman 67'),

-> ('BRUD', 'Bank Rut Unit Fapuar', 'Jl.Manokwari 9'),

-> ('BRUD', 'Bank Rut Unit Fasuruan', 'Jl.Budi 14'),

-> ('BRUD', 'Bank Rut Unit Pasuruan', 'Jl.Budi 14'),

-> ('BRUD', 'Bank Rut Unit Pasuruan', 'Jl.Sumangka 6'),

-> ('BRUD', 'Bank Rut Unit Bnukittinggi', 'Jl.Semangka 6'),

-> ('BRUDP', 'Bank Rut Unit Padang Panjang', 'Jl.Minang 17'),

-> ('BRUDB', 'Bank Rut Unit Bnukittinggi', 'Jl.Semangka 6'),

-> ('BRUDB', 'Bank Rut Unit Bnukittinggi', 'Jl.Semangka 6'),

-> ('BRUDB', 'Bank Rut Unit Bnukittinggi', 'Jl.Semangka 6'),

Rocords: 16 Upulicates: 0 Warnings: 0

Mysql> select * from cabang_bank;

kode_cabang nama_cabang alamat_cabang

BRUA Bank Rut Unit Boyolali Jl.Ahmad Yani 45

BRUB Bank Rut Unit Bnukittinggi Jl.Semangka 6

BRUB Bank Rut Unit Bnukittinggi Jl.Semangka 6

BRUB Bank Rut Unit Bnukittinggi Jl.Semangka 6

BRUG Bank Rut Unit Gemolong Jl.Sudirman 67

BRUG Bank Rut Unit Gemolong Jl.Sudirman 7

BRUK Bank Rut Unit Klaten Jl.Suparman 23

BRUK Bank Rut Unit Klaten Jl.Suparman 23

BRUPA Bank Rut Unit Papua Jl.Manokwari 9

BRUPA Bank Rut Unit Surskarta Jl.Slamet Riyadi 18

BRUPA Bank Rut Unit Honogiri Jalan A.Yani No.23

BRUY Bank Rut Unit Honogiri Jalan A.Yani No.23
```

3) Tabel rekening

```
mysql> insert into rekening(no_rekening, kode_cabangFK, pin, saldo) values

-> (114, 'BRUPA', '4567', 700000),
-> (115, 'BRUPA', '4567', 700000),
-> (116, 'BRUA', '2345', 700000),
-> (117, 'BRU)', '3456', 50000),
-> (118, 'BRUS', '6789', 200000),
-> (119, 'BRUT', '6542', 600000),
-> (120, 'BRUT', '7654', 1000000),
-> (121, 'BRUS', '7654', 200000),
-> (122, 'BRUSU', '9876', 200000),
-> (123, 'BRUS', '1580, '550000),
-> (124, 'BRUS', '8765', 5000000),
-> (125, 'BRUS', '8765', 5000000),
-> (126, 'BRUS', '8765', 5000000),
-> (127, 'BRUS', '8766', 500000),
-> (128, 'BRUS', '8766', 500000),
-> (129, 'BRUS', '8766', '8766', '876000),
-> (129, 'BRUS', '8766', '876000),
-> (129, 'BRUS', '8766', '8760000),
-> (129, 'BRUS', '8766', '8760000),
-> (120, 'BRUS', '8766', '8760000),
-> (121, 'BRUS', '8766', '8760000),
-> (122, 'BRUS', '8766', '8766000),
-> (122, 'BRUS', '8766', '87660000),
-> (122, 'BRUS', '8766', '87660000),
-> (122, 'BRUS', '8766', '8766', '876600000),
-> (122, 'BRUS', '8766', '8766', '8766', '87660000),
-> (122, 'BRUS', '8766', '8766', '876600000),
-> (122, 'BRUS', '8766', '8766', '8766', '8766', '876600000),
-> (122, 'BRUS', '8766', '8766', '8766', '8766', '8766',
```

4) Tabel nasabah_has_rekening

5) Tabel Transaksi

```
ksi, no rekeningFK, id_nasabahFK, jenis_transaksi, tanggal, jumlah) values
T, 40000),
.T, 100000),
no_transaksi | id_nasabahFK | no_rekeningFK | jenis_transaksi | tanggal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 50: 30
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