Nama: Nur Aini Afdallah

NIM : L200170107

Kelas: D

Modul: 5

LATIHAN

1. Tabel nasabah

2. Tabel cabang_bank

3. Tabel rekening

```
mysql> 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 | saldo
                                                                                              350000
350000
750000
900000
                                   BRUS
BRUS
                                                                           3333
4444
                      103
                                                                           5555
6666
                                                                                            2000000
3000000
                      105
                                    BRUM
                      106
                                    BRUS
                      107
108
                                    BRUS
BRUB
                                                                           7777
0000
                                                                                            1000000
                      109
110
                                    BRUB
BRUY
                                                                           9999
1234
                                                                                               9
550000
                                     BRUK
                                                                                               150000
                                     BRUK
                                                                            0123
                       112
                                                                                               300000
                                     BRUY
  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
                                                103
                                                105
                                                106
                                                101
                                                107
                                                102
                                                107
                                                109
                                                109
                                                112
                                                110
                     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, 20000),

-> (NULL, 109, 9, 'kredit', DEFAULT, 150000), (NULL, 102, 5, 'debit', DEFAULT, 50000), (NULL, 105, 3, 'kredit', DEFAULT, 50000),

-> (NULL, 107, 4, 'kredit', DEFAULT, 200000), (NULL, 105, 3, 'debit', DEFAULT, 50000),

-> (NULL, 107, 4, 'kredit', DEFAULT, 200000), (NULL, 105, 3, 'debit', DEFAULT, 40000), (NULL, 104, 1, 'kredit', DEFAULT, 100000),

-> (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, 102, 5, 'debit', DEFAULT, 20000), (NULL, 103, 2, 'kredit', DEFAULT, 50000),

-> (NULL, 103, 2, 'debit', DEFAULT, 40000), (NULL, 102, 5, 'debit', DEFAULT, 50000), (NULL, 104, 1, 'debit', DEFAULT, 50000),

-> (NULL, 103, 2, 'debit', DEFAULT, 40000), (NULL, 101, 4, 'debit', DEFAULT, 50000), (NULL, 103, 2, 'kredit', DEFAULT, 50000),

-> (NULL, 103, 2, 'kredit', DEFAULT, 40000), (NULL, 104, 4, 'debit', DEFAULT, 50000), (NULL, 103, 2, 'kredit', DEFAULT, 100000),

-> (NULL, 102, 5, 'kredit', DEFAULT, 200000), (NULL, 103, 2, 'kredit', DEFAULT, 100000),

-> (NULL, 102, 5, 'kredit', DEFAULT, 200000), (NULL, 103, 2, 'kredit', DEFAULT, 100000),

-> (NULL, 103, 2, 'debit', DEFAULT, 200000), (NULL, 104, 4, 'debit', DEFAULT, 100000), (NULL, 104, 9, 'debit', DEFAULT, 20000);

Query OK, 30 rows affected (0.08 sec)

Records: 30 Duplicates: 0 Warnings: 0
```

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	j 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 |

| 0 | Satria Eka Jaya | Jl.Slamet RIJ adi 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 (0.00 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.Slamet 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
Bank Rut Unit Klaten
Bank Rut Unit Magelang
 BRUB
                                                    Jl.Ahmad Yani 45
                                                    Jl.Suparman 23
Jl.P.Tendean 63
 BRUM
BRUW
                Bank Rut Unit Wonogiri | Jl.Untung Suropati 12 |
 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
nysql> 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 Surakarta
                                                        Jl.Suparman 23
Jl.P.Tendean 63
Jl.Slamet Rivadi
 BRUM
BRUW
                 Bank Rut Unit Wonogiri
                                                     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

```
mysql> delete from cabang_bank
-> where nama_cabang = 'Bank Rut Unit Magelang';
Query OK, 1 row affected (0.12 sec)

mysql> 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 |
| BRUS | Bank Rut Unit Surakarta | Jl.Slamet Riyadi 18 |
| BRUW | Bank Rut Unit Wonogiri | Jalan A.Yani No.23 |
| BRUY | Bank Rut Unit Yogyakarta | Jl.Anggrek 21 |
| total cabang | alamat_cabang |
| alamat_cabang | alamat_cabang | alamat_cabang |
| alamat_cabang |
```

TUGAS

1) Tabel nasabah

2) Tabel cabang_bank

3) Tabel rekening

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

-> (114, 'BRUPA', '4567', 200000),
-> (116, 'BRUA', '4367', 200000),
-> (116, 'BRUA', '2345, '700000),
-> (117, 'BRUJ', '3456, '50000),
-> (118, 'BRUG', '6789', 200000),
-> (118, 'BRUG', '6789', 200000),
-> (120, 'BRUT', '6543, '600000),
-> (121, 'BRUU, '9876', 200000),
-> (122, 'BRUUG', '9876', 200000),
-> (123, 'BRUT', '1580', 550000);
-> (124, 'BRUG', '9876', 200000),
-> (125, 'BRUG', '9876', 200000),
-> (126, 'BRUG', '9876', 200000),
-> (127, 'BRUG', '9876', 200000),
-> (128, 'BRUG', '9876', 200000),
-> (129, 'BRUT', '1580', 550000);
-> (129, 'BRUT', '1580', 550000);
-> (129, 'BRUT', '1580', 550000);
-> (129, 'BRUG', '9876', 200000),
-> (120, 'BRUG', '9876', 200000),
-> (121, 'BRUG', '9876', 200000),
-> (122, 'BRUG', '9876', 200000),
-> (123, 'BRUG', '9876', 200000),
-> (124, 'BRUG', '9876', 200000),
-> (125, 'BRUG', '9876', 200000),
-> (126, 'BRUG', '9876', 200000),
-> (127, 'BRUG', '9876', 200000),
-> (128, 'BRUG', '9876', 200000),
-> (129, 'BRUG', '9876', 200000),
-> (120, 'BRUG', '9876', 2000000,
-> (120, 'BRUG', '9876', 2000000
```

4) Tabel nasabah_has_rekening

5) Tabel Transaksi

```
aksi, no_rekeningFK, id_nasabahFK, jenis_transaksi, tanggal, jumlah) values
U.T. 40000),
U.T. 100000),
ULT, 20000),
sql> select * from transaksi;
                                                                                    tanggal
```