Nama: Ghani Prasetia

NIM : L200170185

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
                       102
103
                                    BRUS
BRUS
                                                                              2222
3333
                                                                                                 350000
750000
                       104
105
                                    BRUM
BRUM
                                                                             4444
5555
                                                                                               900000
2000000
                       106
107
                                     BRUS
BRUS
                                                                              6666
7777
                                                                              0000
9999
1234
                                      BRUB
                       109
                                     BRUB
                                      BRUY
                       111
112
                                     BRUK
                                                                              4321
0123
                                                                                                  150000
                                     BRUY
                                                                              8888
  3 rows in set (0.00 sec)
```

4. Tabel nasabah has rekening

```
nysql> select * from nasabah_has_rekening;
 id_nasabahFK | no_rekeningFK |
                103
                105
                106
                101
                107
                102
                107
                109
                109
                110
       10
                108
       10
                113
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, 50000), (NULL, 107, 4, 'debit', DEFAULT, 50000), (NULL, 108, 3, 'kredit', DEFAULT, 50000), (NULL, 108, 3, 'kredit', DEFAULT, 50000), (NULL, 108, 3, 'kredit', DEFAULT, 100000), (NULL, 108, 3, 'debit', DEFAULT, 50000), (NULL, 107, 4, 'kredit', DEFAULT, 100000), (NULL, 105, 3, 'debit', DEFAULT, 50000), (NULL, 107, 4, 'kredit', DEFAULT, 50000),
-> (NULL, 101, 4, 'kredit', DEFAULT, 20000), (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, 104, 1, 'debit', DEFAULT, 200000),
-> (NULL, 108, 2, 'kredit', DEFAULT, 40000), (NULL, 104, 2, 'debit', DEFAULT, 50000), (NULL, 104, 2, 'kredit', DEFAULT, 100000),
-> (NULL, 108, 2, 'kredit', DEFAULT, 40000), (NULL, 104, 'debit', DEFAULT, 50000), (NULL, 104, 2, 'kredit', DEFAULT, 100000),
-> (NULL, 109, 3, 'kredit', DEFAULT, 40000), (NULL, 104, 'debit', DEFAULT, 50000), (NULL, 104, 2, 'kredit', DEFAULT, 100000),
-> (NULL, 102, 5, 'kredit', DEFAULT, 200000), (NULL, 109, 7, 'debit', DEFAULT, 100000), (NULL, 110, 9, 'debit', DEFAULT, 200000);
Query OK, 30 rows affected (0.08 sec)
Records: 30 Duplicates: 0 Warnings: 0
```

no_transaks1	1d_masababEK	no_rekeningFK	jenis_transaksi	tanggal	jumlah
1	J	195	debit	2019-04-02 22:30:39	58888
2	2	103	debit	2019 04 02 22:30:39	42000
3	4	191	kredit	2019 84 82 22:39:39	28969
4	3	185	dehit	2019-04-07 22:30:39	58868
5	5	197	kred1t	2019-04-02 22:70:79	20000
5	1	101	kredit	2019-04-02 22:30:39	202000
. 7	9	110	kredit	2019-04-02 22:30:39	156669
8	5	192	debit	2019 04 02 22:30:39	22989
	3	185	kredit	2019 84 82 22:38:39	58968
1.0		187	dehit	2019-01-02 22:30:39	100000
11	2	107	dehit	2819-84-82 22:78:79	100000
12	13	104	debit	2019-04-02 22:30:39	58089
13	4	187	kredit	2019 24 02 22:30:39	202009
14	3	185	debit	2019 84 02 22:39:39	48969
15	1	184	kredit	2819 84 82 22:38:39	188868
1.6		IAL	kredit	2019-04-02 22:30:39	28868
17	2	103	debit	2019-84-02 22:30:39	58000
1.8	5	102	debit	2019-04-02 22:30:39	58868
19	19	188	debit	2019 04 02 22:30:39	192989
28	3	195	kredit	2019 64 02 22:30:30	58869
21	2	FAI	kredit	2819-84-82 22:38:39	288868
22	30	105	kred1t	2019-01-02 22:10:19	102060
23	5	102	debil	2019-04-02 22:30:39	28000
24	1	104	debit	2019-04-02 22:30:39	58868
25	2	183	debit	2019 04 02 22:30:39	42969
26	4	181	drhtt	2819 84 82 22:38:39	58868
27	7	IA3	kredit	2819-84-82 22:38:39	102000
211	5	102	kredit	2019-04-02 22:10:19	200000
29	7	109	debit	2019-64-02 22:30:39	102000
30	9	110	debit	2019 84 82 22:30:39	28989

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 Riyadi 45 |

| 7 | Indri Hapsari | Jl.Sutoyo 5 |

| 8 | Sari Marti | Jl.Penganderan 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 (θ.11 sec)
Rows matched: 1 Changed: 1 Warnings: θ
ysql> select * from nasabah;
 id_nasabah | nama_nasabah
                                                   | alamat_nasabah
                      Sutopo
                                                      Jl.Jendral Sudirman 12
                                                     Jl.MT.Haryono 31
Jl.Hasanudin 81
                      Maryati
                     Suparman
                     Kartika Padmasari
Budi Eko Prayogo
                                                     Jl.Manggis 15
Jl.Kantil 30
                     Indri Hapsari
                                                     Jalan Slamet Riyadi No.34
                     Canka Lokananta
Budi Murtono
                                                     Jl.Tidar 86
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
Bank Rut Unit Surakart
 BRUB
                                                       Jl.Ahmad Yani 45
                                                       Jl.Suparman 23
Jl.P.Tendean 63
Jl Slamet Rivadi
 BRUK
 BRUM
BRUW
                | Bank Rut Unit Wonogiri | Jl.Untung Suropati 12 |
                 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;
 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
                  Bank Rut Unit Wonogiri
                                                       Jalan A.Yani No.23
BRUW
                    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 |
| tows in set (0.00 sec)
```

TUGAS

1) Tabel nasabah

2) Tabel cabang_bank

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

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

-> ('BRUA', 'Bank Rut Unit Acach', 'Jl.Kalengkeng 5'),

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

-> ('BRUB', 'Bank Rut Unit Temate', 'Jl.Manokwari 9'),

-> ('BRUB', 'Bank Rut Unit Damai', 'Jl.Pattimura 13'),

-> ('BRUB', 'Bank Rut Unit Damai', 'Jl.Pattimura 13'),

-> ('BRUB', 'Bank Rut Unit Damai', 'Jl.Pattimura 13'),

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

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

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

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

-> ('BRUB', 'Bank Rut Unit Bank', 'Jl.Sudi 8');

Records: 10 Duplicates: 0 Warnings: 0

mysql'> select 'from cabang bank;

| Kode_cabang nama_cabang | alamat_cabang |

BRUB | Bank Rut Unit Boylali | Jl.Ahmad Yani 45 |

BRUB | Bank Rut Unit Boylali | Jl.Ahmad Yani 45 |

BRUB | Bank Rut Unit Buwittinggi | Jl.Semangka 6 |

BRUB | Bank Rut Unit Buwittinggi | Jl.Semangka 6 |

BRUB | Bank Rut Unit Buwittinggi | Jl.Semangka 6 |

BRUG | Bank Rut Unit Gemolong | Jl.Sudirman 67 |

BRUG | Bank Rut Unit Jakarta | Jl.Mawar 7 |

BRUG | Bank Rut Unit Klaten | Jl.Suparman 23 |

BRUG | Bank Rut Unit Klaten | Jl.Suparman 23 |

BRUG | Bank Rut Unit Hapaua | Jl.Budi 14 |

BRUPP | Bank Rut Unit Papaua | Jl.Manokwari 9 |

BRUPP | Bank Rut Unit Papaua | Jl.Manokwari 9 |

BRUPP | Bank Rut Unit Papaua | Jl.Manokwari 9 |

BRUPP | Bank Rut Unit Papaua | Jl.Manokwari 9 |

BRUJ | Bank Rut Unit Handang Panjang | Jl.Manangis 54 |

BRUJ | Bank Rut Unit Handang Panjang | Jl.Manangis 54 |

BRUJ | Bank Rut Unit Unit Nongiri | Jalan A.Yani No.23 |

BRUJ | Bank Rut Unit Vogyakarta | Jl.Anggrek 21 |

15 rows in set (0.01 sec)
```

3) Tabel rekening

```
mysql> insert into rekening(no rekening, kode_cabangFK, pin, saldo) values

-> (114, BBUDA', "4507', 300000),
-> (115, GBUDA', "2345', 500000),
-> (116, GBUDA', "2345', 500000),
-> (117, GBUDA', "2345', 500000),
-> (118, "GBUDA', "2345', 500000),
-> (119, "GBUD', "5764', 1000000),
-> (119, "GBUT', "6534', 600000),
-> (121, "GBUT', "6534', 600000),
-> (121, "GBUT', "6535', 500000),
-> (122, "GBUD', "9765', 500000),
-> (122, "GBUD', "9766', 200000),
-> (123, "GBUT', "1580', 550000),
-> (124, "GBUD', "9766', 200000),
-> (125, "GBUT', "1580', 550000),
-> (126, "GBUD', "9876', 200000),
-> (127, "GBUT', "1580', 550000),
-> (128, "GBUT', "1580', 550000),
-> (129, "GBUT', "1580', 550000),
-> (120, "GBUT', "1580', 550000),
-> (121, "GBUT', "1580', 5500000),
-> (122, "GBUT'
```

4) Tabel nasabah_has_rekening

5) Tabel Transaksi

```
no_rekeningFK, id_nasabahFK, jenis_transaksi, tanggal, jumlah) values
8080).
180800).
```