Nama: Muhammad Rizqi Erdyansyah

NIM : L200170171

Kelas: G

### **LATIHAN**

#### 1. Tabel nasabah

```
mysql> insert into nasabah(id_nasabah, nama_nasabah, alamat_nasabah) values (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'), (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)

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 |
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)
```

## 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
ysql> select * from rekening;
  no_rekening | kode_cabangFK | pin
                                                                                           | saldo
                                                                              1111
2222
                                     BRUS
                                                                                                   500000
                      103
104
                                     BRUS
BRUM
                                                                              3333
4444
                                                                                                  750000
900000
                      105
106
                                     BRUM
BRUS
                                                                              5555
6666
                                                                                                2000000
3000000
                      107
108
                                     BRUS
BRUB
                                                                              7777
0000
                                                                                                1000000
5000000
                                                                              9999
1234
4321
0123
                                     BRUB
                       109
                       110
                                      BRUK
                                      BRUK
  3 rows in set (0.00 sec)
```

## 4. Tabel nasabah\_has\_rekening

```
mysql> select * from nasabah_has_rekening;
 id nasabahFK | no rekeningFK |
               104
               103
               105
               106
               101
               107
               192
               107
               109
               109
               110
               108
       10
l5 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, 110, 9, 'kredit', DEFAULT, 150000), (NULL, 107, 5, 'debit', DEFAULT, 50000), (NULL, 105, 3, 'kredit', DEFAULT, 50000), (NULL, 103, 2, 'debit', DEFAULT, 100000), (NULL, 104, 1, 'debit', DEFAULT, 50000),
-> (NULL, 107, 4, 'kredit', DEFAULT, 100000), (NULL, 105, 3, 'debit', DEFAULT, 50000), (NULL, 104, 1, 'kredit', DEFAULT, 50000),
-> (NULL, 101, 4, 'kredit', DEFAULT, 20000), (NULL, 105, 3, '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, 102, 5, 'debit', DEFAULT, 50000), (NULL, 103, 2, 'kredit', DEFAULT, 100000),
-> (NULL, 103, 2, 'debit', DEFAULT, 100000), (NULL, 101, 4, 'debit', DEFAULT, 50000), (NULL, 103, 2, 'kredit', DEFAULT, 100000),
-> (NULL, 103, 2, 'debit', DEFAULT, 100000), (NULL, 104, 4, 'debit', DEFAULT, 50000), (NULL, 103, 2, 'kredit', DEFAULT, 100000),
-> (NULL, 102, 5, 'kredit', DEFAULT, 200000), (NULL, 103, 7, 'debit', DEFAULT, 100000), (NULL, 104, 9, 'debit', DEFAULT, 200000);

NUCL, 102, 5, 'kredit', DEFAULT, 200000), (NULL, 103, 7, 'debit', DEFAULT, 100000), (NULL, 110, 9, 'debit', DEFAULT, 200000);

NUCL, 102, 5, 'kredit', DEFAULT, 200000), (NULL, 103, 7, 'debit', DEFAULT, 100000), (NULL, 110, 9, 'debit', DEFAULT, 200000);

NUCL, 102, 5, 'kredit', DEFAULT, 200000), (NULL, 103, 7, 'debit', DEFAULT, 100000), (NULL, 110, 9, 'debit', DEFAULT, 200000);

NUCL, 102, 5, 'kredit', DEFAULT, 200000), (NULL, 103, 7, 'debit', DEFAULT, 100000), (NULL, 110, 9, 'debit', DEFAULT, 200000);

NUCL, 103, 5, 'kredit', DEFAULT, 200000), (NULL, 103
```

o_transaks1	1d_masababEK	no_rekeningFK	jenis_transaksi	tanggal	Juntah
1	3	105	debit	2019-04-02 22:10:39	58669
. 2	2	182	debit	2019 94 02 22:39:39	42983
4	4	191	kredit	2019 84 82 22:39:39	28869
4	3	186	debit	2819-84-82 22:38:39	58868
5	5	107	kred1t	2019-04-02 22:70:79	20000
6	1	101	kredit	2019-04-02 22:30:39	200000
. 7	9	110	kredit	2019-04-02 22:30:39	152000
2	5	182	debit	2010 04 02 22:30:30	22969
9	3	185	kredit	2019 84 82 22:38:39	58969
1.0	4	187	dehit	2019-01-02 22:30:39	188868
1.1	>	107	dehit	2819-84-82 22:10:39	100000
12	1	104	debit	2019-04-02 22:30:39	50000
13	4	197	kredit	2019 24 02 22:30:39	202003
2.4	3	185	debit	2019 84 02 22:39:39	48969
15	10	184	kredit	2819 84 82 22:38:39	182868
1.5	4	IAL	kred1t	2019-04-02 22:30:39	22868
17	2	103	debit	2019-84-02 22:30:39	58969
18	50	102	debit	2019-04-02 22:30:39	58669
19	10	188	debit	2019 04 02 22:30:39	192989
28	3	195	kredit	2019 64 02 22:30:30	58869
21	3	183	kredit	2819-81-82 22:38:39	288868
22	30	105	kred1t	2019-01-02 22:10:19	102060
23	5	102	debit	2019-04-02 22:30:39	28060
24	1	104	debit	2019-04-02 22:30:39	58868
25	2	183	debit	2010 04 02 22:30:30	42989
26	4	181	drhit	2819 84 82 22:38:39	58868
27	2	IA3	kredit	2819-84-82 22:38:39	102000
211	5	102	kred1t	2019-01-02 22:70:79	202060
29	7	109	debit	2019-84-02 22:30:39	102000
38	9	110	debit	2019 84 82 22:30:39	22989

# 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 | Satria 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 |
| 7 | Indri Hapsari | Jalamet 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"

```
mysql> 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
                                                       Jl.Ahmad Yani 45
 BRUB
                                                       Jl.Suparman 23
Jl.P.Tendean 63
Jl Slamet Rivadi
 BRUM
                 Bank Rut Unit Wonogiri
                                                    Jl.Untung Suropati 12
                 | Bank Rut Unit Yogyakarta | Jl.Anggrek 21
 BRUY
 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
Bank Rut Unit Klaten
 BRUB
                                                           Jl.Ahmad Yani 45
                                                           Jl.Suparman 23
Jl.P.Tendean 63
Jl.Slamet Rivadi
 BRUK
                     Bank Rut Unit Magelang
Bank Rut Unit Surakart
BRUM
                    Bank Rut Unit Wonogiri
                                                        | Jalan A.Yani No.23
                    Bank kut Unit Yogyakarta | Ji.Anggrek Zi
 RKUY
 rows in set (0.00 sec)
```

## 7. Delete

a. Nasabah dengan id "7" menutup rekeningnya

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 |
| 5 rows 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

y(18RUI) 'Bank Rut Unit Jakarta' '11 Mauri 7';

> '(18RUD) 'Bank Rut Unit Papus' '11 Manokuari 9'),

> '(18RUD) 'Bank Rut Unit Papus' '11 Manokuari 9'),

> '(18RUD) 'Bank Rut Unit Tennata, '11 Manokuari 9'),

> '(18RUD) 'Bank Rut Unit Tennata, '11 Mangsi 54'),

> '(18RUD) 'Bank Rut Unit Papusi' '11 Mangsi 54'),

> '(18RUD) 'Bank Rut Unit Padang Panjang' '11 Minama 17'),

> '(18RUD) 'Bank Rut Unit Bunkittinggi', '11 Semangka 6'),

> '(18RUD) 'Bank Rut Unit Bunkittinggi', '11 Mangsi 17'),

> '(18RUD) 'Bank Rut Unit Bunkittinggi', '11 Mangsi 17'),

> '(18RUD) 'Bank Rut Unit Bunkittinggi', '11 Mangsi 17'),

> '(18RUD) 'Bank Rut Unit Bunkittingsi', '11 Mangsi 17'),

Papus '11 Mangsi 11 Mangsi 12 Mangsi 12 Mangsi 13 Mangsi
```

# 3) Tabel rekening

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

-> (114, |SBUAD, '4557', 200000),
-> (115, |SBUAD, '4557', 200000),
-> (116, |SBUAD, '4557', 200000),
-> (117, |SBUAD, '4557', 200000),
-> (117, |SBUAD, '4557', 200000),
-> (118, |SBUAD, '4557', 200000),
-> (119, |SBUAD, '4558', 200000),
-> (119, |SBUAD, '4558', 200000),
-> (120, |SBUAD, '4558', 200000),
-> (121, |SBUAD, '8756', 200000),
-> (122, |SBUAD, '8756', 200000),
-> (122, |SBUAD, '8756', 200000),
-> (123, |SBUAD, '8756', 200000),
-> (124, |SBUAD, '8756', 200000),
-> (125, |SBUAD, '8756', 200000),
-> (127, |SBUAD, '8756', 200000),
-> (128, |SBUAD, '8756', 200000),
-> (129, |SBUAD, '8756', 200000
```

4) Tabel nasabah\_has\_rekening

## 5) Tabel Transaksi

```
_rekeningFK, id_nasabahFK, jenis_transaksi, tanggal, jumlah) values
```