NAMA : DHIYA ULHAQ A

NIM : L200180009

MODUL 5

Latihan

```
EX Command Prompt-mysql-uroot-p

MariaDB [(none)]> use perbankan
Oatabase changed
MariaDB [perbankan]> insert into nasabah(id_nasabah, nama_nasabah, alamat_nasabah) values

-> (1, 'sutopo', 'Jl.Jendral Sudirman 12'),

-> (2, 'Naryam', 'Jl.Haryono 31'),

-> (3, 'Suparman', 'Jl.Haryono 31'),

-> (4, 'Kartika Padmasari', 'Jl.Manggis 15'),

-> (5, 'Satrika Padmasari', 'Jl.Manggis 15'),

-> (6, 'Satria Eka Jaya', 'Slamet Riyadi 45'),

-> (7, 'Indri Hapsari', 'Jl.Pangandaran 11),

-> (9, 'Canka Lokananta', 'Jl.Idar 86'),

-> (1, 'Budi Murtono', 'Jl.Merak 22');

Query OK, 10 rows affected (0.20 sec)

MariaDB [perbankan]> insert into cabang_bank(kode_cabang, nama_cabang, alamat_cabang) values

-> ('BRUS', 'Bank Rut Unit Surakarta', 'Jl.Slamet Riyadi 18''),

-> ('BRUS', 'Bank Rut Unit Magelang', 'Jl.P.Tendean 63'),

-> ('BRUS', 'Bank Rut Unit Moyakarta', 'Jl.Anamad Yani 45'),

-> ('BRUN', 'Bank Rut Unit Klaten', 'Jl.Suparman 23'),

-> ('BURN', 'Bank Rut Unit Klaten', 'Jl.Suparman 23'),

-> ('BURN', 'Bank Rut Unit Woyakarta', 'Jl.Anamad Yani 45'),

-> ('BURN', 'Bank Rut Unit Woyakarta', 'Jl.Anamad Yani 45'),

-> ('BURN', 'Bank Rut Unit Woyakarta', 'Jl.Anamad Yani 45'),

-> ('BURN', 'Bank Rut Unit Woyakarta', 'Jl.Anamad Yani 45'),

-> ('BURN', 'Bank Rut Unit Woyakarta', 'Jl.Anamad Yani 45'),

-> ('BURN', 'Bank Rut Unit Woyakarta', 'Jl.Anamad Yani 45'),

-> ('BURN', 'Bank Rut Unit Woyakarta', 'Jl.Anamad Yani 45'),

-> ('BURN', 'Bank Rut Unit Woyakarta', 'Jl.Anamad Yani 45'),

-> ('BURN', 'Bank Rut Unit Woyakarta', 'Jl.Anamad Yani 45'),

-> ('BURN', 'Bank Rut Unit Woyakarta', 'Jl.Anamad Yani 45'),

-> ('BURN', 'Bank Rut Unit Woyakarta', 'Jl.Anamad Yani 45'),

-> ('BURN', 'Bank Rut Unit Woyakarta', 'Jl.Anamad Yani 45'),

-> ('BURN', 'Bank Rut Unit Woyakarta', 'Jl.Anamad Yani 45'),

-> ('BURN', 'Bank Rut Unit Woyakarta', 'Jl.Anamad Yani 45'),

-> ('BURN', 'Bank Rut Unit Woyakarta', 'Jl.Anamad Yani 45'),

-> ('BURN', 'Bank Rut Unit Woyakarta', 'Jl.Anamad Yani 45'),

-> ('BURN', 'Bank Rut Unit Woyakarta', 'Jl.Anamad Yani 45'),
```

```
| Command Prompts - mysq' - urrost - pr
| arrialBD | perbankan| > insert into rekening(no_rekening, kode_cabangFK, pin, saldo) values
| arrialBD | perbankan| > insert into rekening(no_rekening, kode_cabangFK, pin, saldo) values
| arrialBD | perbankan| > insert into rekening(no_rekening, kode_cabangFK, pin, saldo) values
| arrialBD | perbankan| > insert into rekening(no_rekening, kode_cabangFK, pin, saldo) values
| arrialBD | perbankan| > insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK) values
| arrialBD | perbankan| > insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK) values
| arrialBD | perbankan| > insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK) values
| arrialBD | perbankan| > insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK) values
| arrialBD | arrialBD | insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK) values
| arrialBD | arrialBD | insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK) values
| arrialBD | insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK) value
```

```
MariaDB [perbankan]> insert into transaksi(no_transaksi, no_rekeningFK, id_nasabahFK, jenis_transaksi, tanggal, jumlah) values
- (1, 105, 3, 'debit', 2009-11-10, 50000),
- (2, 103, 2, 'debit', 2009-11-10, 20000),
- (3, 101, 4, 'kredit', 2009-11-13, 20000),
- (4, 106, 3, 'debit', 2009-11-13, 20000),
- (5, 107, 5, 'kredit', 2009-11-13, 20000),
- (6, 104, 1, 'kredit', 2009-11-15, 150000),
- (7, 110, 9, 'kredit', 2009-11-15, 150000),
- (9, 102, 5, 'debit', 2009-11-16, 20000),
- (10, 107, 4, 'debit', 2009-11-19, 100000),
- (11, 103, 2, 'debit', 2009-11-19, 100000),
- (12, 104, 1, 'debit', 2009-11-21, 200000),
- (13, 107, 4, 'kredit', 2009-11-21, 200000),
- (14, 105, 4, 'debit', 2009-11-21, 100000),
- (15, 101, 4, 'kredit', 2009-11-22, 100000),
- (16, 101, 4, 'kredit', 2009-11-22, 20000),
- (17, 103, 2, 'debit', 2009-11-22, 100000),
- (19, 103, 3, 'kredit', 2009-11-25, 100000),
- (19, 103, 103, 'debit', 2009-11-25, 100000),
- (20, 106, 3, 'kredit', 2009-11-25, 100000),
- (21, 103, 2, 'kredit', 2009-11-25, 100000),
- (22, 105, 3, 'kredit', 2009-11-28, 100000),
- (23, 102, 5, 'debit', 2009-11-28, 100000),
- (24, 104, 1, 'debit', 2009-11-28, 100000),
- (25, 101, 4, 'debit', 2009-11-28, 100000),
- (26, 101, 4, 'debit', 2009-12-5, 100000),
- (27, 103, 2, 'kredit', 2009-12-5, 100000),
- (27, 103, 2, 'kredit', 2009-12-5, 100000),
- (29, 109, 7, 'debit', 2009-12-5, 100000),
- (20, 109, 7, 'debit', 2009-12-5, 200000),
```

Hasil

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Tows in set (0.00 sec)

Torous in set (0.00 sec)

Torous in set (0.00 sec)

Torous in set (0.00 sec)
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| Second | S
```

Melakukan Update

```
MariaDB [perbankan] > update nasabah
- 'Jl.Slamet Riyadi 34'
- > set alamat_nasabah - 'Jl.Slamet Riyadi 34'
- > where nama_nasabah = 'Indri Hapsari';
Query OK, 1 row affected (0.13 sec)
Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [perbankan] > select * from nasabah;

| id_nasabah | nama_nasabah | alamat_nasabah |
| 1 | Sutopo | Jl.Jendral Sudirman 12 |
| 2 | Maryam | Jl.MT.Haryono 31 |
| 3 | Suparman | Jl.Hasanudin 81 |
| 4 | Kartika Padmasari | Jl.Manggis 15 |
| 5 | Budi Eko Prayoga | Jl.Kantil 30 |
| 6 | Satria Eka Jaya | Slamet Riyadi 45 |
| 7 | Indri Hapsari | Jl.Slamet Riyadi 34 |
| 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)
```

```
ENCOMMand Prompt - mysql - u root - p

MariaDB [perbankan] > update cabang_bank
-> set alamat_cabang = 'Jl. Ahmad Yani 23'
-> where kode_cabang = 'BURW';
Query OK, 1 row affected (0.66 sec)
Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [perbankan] > select * from cabang_bank;

| kode_cabang | nama_cabang | alamat_cabang |
| BRUB | Bank Rut Unit Boyolali | Jl. Ahamad Yani 45 |
| BRUM | Bank Rut Unit Magelang | Jl. F. Tendean 63 |
| BRUS | Bank Rut Unit Surakarta | Jl. Slamet Riyadi 18 |
| BURK | Bank Rut Unit Klaten | Jl. Suparman 23 |
| BURK | Bank Rut Unit Wonogiri | Jl. Ahmad Yani 23 |
| BURY | Bank Rut Unit Yogyakarta | Jl. Anggrek 21 |
| 6 rows in set (0.10 sec)
```

Melakukan Penghapusan

```
MariaDB [perbankan]> delete from nasabah
-> where id_nasabah = 7;
Query OK, 1 row affected (0.04 sec)

MariaDB [perbankan]> select * from nasabah;

| id_nasabah | nama_nasabah | alamat_nasabah |

| 1 | Sutopo | Jl.Jendral Sudirman 12 |
2 | Maryam | Jl.MT.Haryono 31 |
3 | Suparman | Jl.Hasanudin 81 |
4 | Kartika Padmasari | Jl.Manggis 15 |
5 | Budi Eko Prayoga | Jl.Kantil 30 |
6 | Satria Eka Jaya | Slamet Riyadi 45 |
8 | Sari Murti | Jl.Pangandaran 11 |
9 | Canka Lokananta | Jl.Tidar 86 |
10 | Budi Murtono | Jl.Merak 22 |
9 rows in set (0.00 sec)
```

```
MariaDB [perbankan]> delete from cabang_bank
-> where nama_cabang = 'Bank Rut Unit Magelang';
Query OK, 1 row affected (0.00 sec)

MariaDB [perbankan]> select * from cabang_bank;

| kode_cabang | nama_cabang | alamat_cabang |
| BRUB | Bank Rut Unit Boyolali | Jl.Ahamad Yani 45 |
| BRUS | Bank Rut Unit Surakarta | Jl.Slamet Riyadi 18 |
| BURK | Bank Rut Unit Klaten | Jl.Suparman 23 |
| BURW | Bank Rut Unit Wonogiri | Jl.Ahmad Yani 23 |
| BURW | Bank Rut Unit Yogyakarta | Jl.Anggrek 21 |
| bury | Bank Rut Unit Yogyakarta | Jl.Anggrek 21 |
| bury | Bank Rut Unit Yogyakarta | Jl.Anggrek 21 |
| bury | Bank Rut Unit Yogyakarta | Jl.Anggrek 21 |
| bury | Bank Rut Unit Yogyakarta | Jl.Anggrek 21 |
| bury | Bank Rut Unit Yogyakarta | Jl.Anggrek 21 |
| bury | Bank Rut Unit Yogyakarta | Jl.Anggrek 21 |
| bury | Bank Rut Unit Yogyakarta | Jl.Anggrek 21 |
| bury |
```

Tugas

```
Command Prompt - mysql -u root -p
                                                                                                                                                                                              NariaDB [perbankan]> insert into cabang_bank(kode_cabang, nama_cabang, alamat_cabang) values
     iaDB [perbankan]> insert into cabang_bank(kode_cabang,
-> ('BRUL','Bank Rut Unit Lampung','Jl. Mawar 34'),
-> ('BRUBA','Bank Rut Unit Bandung','Jl. Melati 23'),
-> ('BRUT','Bank Rut Unit Tegal','Jl. Raja 04'),
-> ('BRUP','Bank Rut Unit Palembang','Jl. Sindu 24'),
-> ('BRUG','Bank Rut Unit Giri','Jl. Woyo 53'),
-> ('BRUG','Bank Rut Unit Cileduk','Jl. Jungki 21'),
-> ('BRUA','Bank Rut Unit Ampel','Jl. Tulip 52'),
-> ('BRUD','Bank Rut Unit Demak','Jl. Kiwi 01'),
-> ('BRUSU','Bank Rut Unit Surabaya','Jl. Jambu 17'),
-> ('BRUJ','Bank Rut Unit Jember','Jl. Apel 55');
rv OK. 10 rows affected (0.12 sec)
Query OK, 10 rows affected (0.12 sec)
Records: 10 Duplicates: 0 Warnings: 0
 MariaDB [perbankan]> select * from cabang_bank;
  kode_cabang | nama_cabang
                                                                     | alamat_cabang
  BRUA
                          Bank Rut Unit Ampel
                          Bank Rut Unit Boyolali
Bank Rut Unit Bandung
Bank Rut Unit Cileduk
                                                                         Jl.Ahamad Yani 45
   BRUB
                                                                        Jl. Melati 23
   BRUBA
   BRUC
                                                                         Jl. Jungki 21
   BRUD
                          Bank Rut Unit Demak
                                                                         Jl. Kiwi 01
   BRUG
                          Bank Rut Unit Giri
                                                                        J1. Woyo 53
                          Bank Rut Unit Jember
   BRUJ
                                                                        Jl. Apel 55
                          Bank Rut Unit Lampung
                                                                        Jl. Mawar 34
   BRUL
   BRUP
                          Bank Rut Unit Palembang
                                                                         Jl. Sindu 24
   BRUS
                          Bank Rut Unit Surakarta
                                                                        Jl.Slamet Riyadi 18
                                                                        Jl. Jambu 17
   BRUSU
                          Bank Rut Unit Surabaya
                          Bank Rut Unit Tegal
   BRUT
                                                                        Jl. Raja 04
                                                                        Jl.Suparman 23
   BURK
                          Bank Rut Unit Klaten
   BURW
                          Bank Rut Unit Wonogiri
                                                                         Jl.Ahmad Yani 23
   BURY
                          Bank Rut Unit Yogyakarta | Jl.Anggrek 21
15 rows in set (0.12 sec)
 MariaDB [perbankan]>
```

```
Command Prompt - mysql -u root -p
                                                                                                                                                                                                  ×
MariaDB [perbankan]> insert into rekenin
-> (114, 'BRUP',1414,20000),
-> (115, 'BRUL',1515,300000),
-> (116, 'BRUBA',1616,530000),
-> (117, 'BRUG',1717,120000),
-> (118, 'BRUC',1818,120000),
-> (119, 'BURW',1919,50000),
-> (120, 'BRUT',2020,202000),
-> (121, 'BRUT',2120,234500),
-> (122, 'BRUJ',4565,44500),
-> (123, 'BRUA',2334,45200);
Query OK, 10 rows affected (0.25 sec)
Records: 10 Duplicates: 0 Warnings: 0
  lariaDB [perbankan]> insert into rekening(no_rekening, kode_cabangFK, pin, saldo) values
 MariaDB [perbankan]> select * from rekening;
   no_rekening | kode_cabangFK | pin | saldo
                                                                    500000
350000
750000
900000
                                                       1111 |
                           BRUS
                 102
                           BRUS
                                                       2222
                 103
                           BRUS
                                                       3333
                  104
                            BRUM
                                                       4444
                  105
                            BRUM
                                                                    2000000
                                                                   3000000
1000000
5000000
                            BRUS
                                                       6666
                 107
                           BRUS
                 108
                           BRUB
                                                       0
                                                       9999
                 109
                           BRUB
                  110
                            BRUY
                                                                     550000
                            BRUK
                                                                     150000
                 112
113
                                                                     300000
255000
                            BRUK
                           BRUY
                                                       8888
                 114
                                                                     20000
300000
                           BRUP
                            BRUL
                            BRUBA
                                                                     530000
                            BRUG
                                                                      120000
                 118
119
                            BRUC
                                                                     120000
                            BURW
                                                       1919
                                                                       50000
                            BRUT
                                                       2020
                                                                     202000
                 120
                            BRUT
                                                       2120
                                                                      234500
                            BRUJ
                                                        4565
                                                                       44500
                           BRUA
                                                                       45200
 .
23 rows in set (0.00 sec)
```

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> insert into nasabah
-> (11,114),
-> (12,115),
-> (13,116),
-> (14,117),
-> (15,118),
-> (16,119),
-> (17,120),
-> (18,121),
-> (20,121);
Query OK, 11 rows affected (0.05 sec)
Records: 11 Duplicates: 0 Warnings: 0
   lariaDB [perbankan]> insert into nasabah_has_rekening (id_nasabahFK, no_rekeningFK) values
 MariaDB [perbankan]> select * from nasabah_has_rekening;
    id_nasabahFK | no_rekeningFK |
                        1 |
2 |
3 |
4 |
4 |
5 |
6 |
7 |
8 |
9 |
10
                                                      104
                                                      103
                                                      106
                                                      101
107
                                                      102
                                                     107
109
109
111
112
                                                     110
108
113
114
115
                        10
11
12
13
14
15
16
17
                                                     116
117
118
119
120
121
                        19
 26 rows in set (0.00 sec)
```

