NAMA : Hanan Askarim

NIM : L200180170

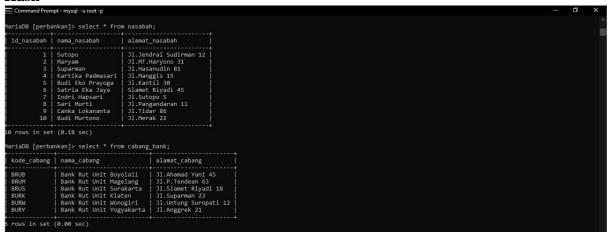
### MODUL 5

#### Latihan

```
| Maria | Mari
```

```
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', 2009-11-12, 20000),
-> (3, 101, 4, 'kredit', 2009-11-12, 20000),
-> (4, 106, 3, 'debit', 2009-11-13, 50000),
-> (5, 107, 5, 'kredit', 2009-11-13, 50000),
-> (6, 104, 1, 'kredit', 2009-11-15, 150000),
-> (7, 110, 9, 'kredit', 2009-11-15, 150000),
-> (9, 105, 3, 'kredit', 2009-11-16, 20000),
-> (10, 107, 4, 'debit', 2009-11-19, 100000),
-> (11, 103, 2, 'debit', 2009-11-19, 100000),
-> (11, 103, 2, 'debit', 2009-11-19, 100000),
-> (12, 104, 1, 'debit', 2009-11-20, 200000),
-> (13, 107, 4, 'kredit', 2009-11-21, 100000),
-> (14, 105, 4, 'kredit', 2009-11-22, 200000),
-> (15, 104, 4, 'kredit', 2009-11-22, 100000),
-> (16, 101, 4, 'kredit', 2009-11-22, 100000),
-> (17, 103, 2, 'debit', 2009-11-22, 100000),
-> (18, 102, 5, 'debit', 2009-11-25, 100000),
-> (20, 106, 3, 'kredit', 2009-11-25, 100000),
-> (21, 103, 2, 'debit', 2009-11-25, 100000),
-> (22, 105, 3, 'kredit', 2009-11-28, 100000),
-> (23, 104, 4, 'debit', 2009-11-28, 100000),
-> (24, 104, 4, 'debit', 2009-11-28, 100000),
-> (25, 104, 4, 'debit', 2009-11-28, 100000),
-> (26, 101, 4, 'debit', 2009-12-5, 100000),
-> (27, 103, 2, 'kredit', 2009-12-5, 100000),
-> (28, 102, 5, 'kredit', 2009-12-5, 200000),
-> (29, 109, 7, 'debit', 2009-12-5, 100000),
-> (29, 109, 7, 'debit', 2009-12-5, 100000),
-> (29, 109, 7, 'debit', 2009-12-5, 200000),
-> (20, 109, 7, 'debit', 2009-12-5, 200000),
-> (29, 109, 7, 'debit', 2009-12-5, 200000),
-> (29, 109, 7, 'debit', 2009-12-5, 200000),
-> (20, 100, 7, 'debit', 2009-12-5, 200000),
-> (20
```

### Hasil



```
EX Command Prompt - mysql -uroot p

TariaDB [perbankan]> select * from rekening;

no_rekening | kode_cabangFK | pin | saldo

101 | BRUS | 1111 | 50e0ee |
102 | BRUS | 333 | 750e0e |
103 | BRUS | 333 | 750e0e |
104 | BRUS | 333 | 750e0e |
105 | BRUS | 333 | 750e0e |
106 | BRUS | 5555 | 200e0e |
107 | BRUS | 5555 | 200e0e |
108 | BRUS | 5555 | 200e0e |
109 | BRUS | 9099 | 0 |
109 | BRUS | 9099 | 0 |
110 | BRUF | 1234 | 550e0e |
121 | BRUF | 1234 | 550e0e |
123 | rows in set (0.00 set)

TariaDB [perbankan]> select * from nasabah_has_rekening;

1 | 104 | 2 | 103 |
3 | 106 |
4 | 107 |
5 | 107 |
6 | 109 |
7 | 109 |
8 | 111 |
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```

# Melakukan Update

```
MariaDB [perbankan]> update nasabah
-> set alama_nasabah = 'Jl.Slamet Riyadi 34'
-> where nama_nasabah = 'Indri Hapsari';
Query DK, 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)
```

```
Command Prompt - mysql - uroot - 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.P.Tendean 63 |
| BRUS | Bank Rut Unit Magelang | 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 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
                            Sutopo
Maryam
Suparman
Kartika Padmasari
Rudi Eko Prayoga
                                                                     Jl.Jendral Sudirman 12
Jl.MT.Haryono 31
Jl.Hasanudin 81
Jl.Manggis 15
                                                                     JI.Kantil 30
Slamet Riyadi 45
Jl.Pangandaran 11
Jl.Tidar 86
Jl.Merak 22
                            Budi Eko Prayoga
Satria Eka Jaya
Sari Murti
                   9 | Canka Lokananta
10 | Budi Murtono
 MariaDB [perbankan]> delete from cabang_bank
-> where nama_cabang = 'Bank Rut Unit Magelang';
Query OK, 1 row affected (0.00 sec)
  ariaDB [perbankan]> select * from cabang_bank;
   kode_cabang | nama_cabang
                                                                                   | alamat_cabang
                              Bank Rut Unit Boyolali | Jl.Ahamad Yani 45
Bank Rut Unit Surakarta | Jl.Slamet Riyadi 18
Bank Rut Unit Klaten | Jl.Suparman 23
Bank Rut Unit Wonogiri | Jl.Ahmad Yani 23
Bank Rut Unit Yogyakarta | Jl.Anggrek 21
   BRUB
BRUS
   BURK
   BURW
BURY
   rows in set (0.00 sec)
  lariaDB [perbankan]>
```

## **Tugas**

```
Command Prompt - mysql -u root -p
                                                                                                                            ×
ariaDB [perbankan]> insert into cabang_bank(kode_cabang, nama_cabang, alamat_cabang) values
   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
                Bank Rut Unit Ampel
Bank Rut Unit Boyolali
Bank Rut Unit Bandung
Bank Rut Unit Cileduk
 BRUA
                                               Jl. Tulip 52
                                               Jl.Ahamad Yani 45
Jl. Melati 23
Jl. Jungki 21
 BRUB
 BRUBA
 BRUC
 BRUD
                Bank Rut Unit Demak
                                               Jl. Kiwi 01
 BRUG
                Bank Rut Unit Giri
                                               Jl. Woyo 53
                                               Jl. Apel 55
 BRUJ
                Bank Rut Unit Jember
                                               Jl. Mawar 34
Jl. Sindu 24
                Bank Rut Unit Lampung
 BRUL
 BRUP
                 Bank Rut Unit Palembang
                                               Jl.Slamet Riyadi 18
 BRUS
                Bank Rut Unit Surakarta
                Bank Rut Unit Surabaya
                                               Jl. Jambu 17
Jl. Raja 04
 BRUSU
 BRUT
                Bank Rut Unit Tegal
 BURK
                 Bank Rut Unit Klaten
                                               Jl.Suparman 23
 BURW
                 Bank Rut Unit Wonogiri
                                               Jl.Ahmad Yani 23
                Bank Rut Unit Yogyakarta | Jl.Anggrek 21
 BURY
l5 rows in set (0.12 sec)
MariaDB [perbankan]>
```

```
Command Prompt - mysql -u root -p
                                                                                                                                                                                                       MariaDB [perbankan]> insert into rekening(no_rekening, kode_cabangFK, pin, saldo) values
-> (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]> select * from rekening;
   no_rekening | kode_cabangFK | pin | saldo
                                                                       500000
                                                                      350000
750000
900000
                            BRUS
                                                        3333
4444
                  103
                            BRUS
                  104
                            BRUM
                  105
                            BRUM
                                                                     2000000
                                                                     3000000
1000000
5000000
                  106
                            BRUS
                                                         6666
                            BRUS
                  108
                            BRUB
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                  109
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                  110
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300000
                            BRUK
                            BRUK
                                                                       255000
                            BRUY
                                                         8888
                  114
                            BRUP
                                                         1414
                                                                        20000
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                            BRUL
                            BRUBA
                                                                       530000
                            BRUG
                                                                       120000
                            BRUC
                                                                       120000
50000
                            BURW
                                                         1919
                                                                       202000
                            BRUT
                  120
                                                         2020
                            BRUT
                                                                       234500
                             BRUJ
                                                         4565
                                                                         44500
                            BRUA
                                                         2334
                                                                         45200
 23 rows in set (0.00 sec)
```

```
© Command Prompt - mysql - u root - p

Variable [perbankan]> insert into nasabah_has_rekening (id_nasabahFK, no_rekeningFK) values

-> (i1,114),
-> (i2,115),
-> (i3,116),
-> (i4,117),
-> (i5,118),
-> (i6,119),
-> (i1,120),
-> (i8,121),
-> (20,123),
-> (20,123),
-> (20,123),
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->
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```
Command Prompt - mysql -u root -p — 

MariaDB [perbankan] > insert into transaksi (no_transaksi, no_rekeningFK, id_nasabahFK, jenis_transaksi, tanggal, jumlah) values 
-> (31,114,11, 'debit', '2009-12-7', 200000), 
-> (32,115,12, 'debit', '2009-12-7', 120000), 
-> (33,116,13, 'kredit', '2009-12-7', 120000), 
-> (34,117,14, 'kredit', '2009-12-8', 500000), 
-> (36,119,16, 'debit', '2009-12-8', 1300000), 
-> (36,119,16, 'debit', '2009-12-8', 1300000), 
-> (37,120,17, 'kredit', '2009-12-8', 1900000), 
-> (38,121,18, 'kredit', '2009-12-8', 300000), 
-> (40,123,18, 'debit', '2009-12-9', 5600000), 
-> (41,114,19, 'debit', '2009-12-0', 500000), 
-> (42,115,20, 'kredit', '2009-12-10', 700000), 
-> (43,116,11, 'kredit', '2009-12-10', 700000), 
-> (44,117,12, 'debit', '2009-12-10', 900000), 
-> (45,118,12, 'debit', '2009-12-10', 900000), 
-> (45,118,12, 'debit', '2009-12-11', 10000000), 
-> (45,118,12, 'debit', '2009-12-11', 10000000), 
-> (46,119,13, 'kredit', '2009-12-11', 1900000), 
-> (49,122,15, 'debit', '2009-12-12', 500000), 
-> (50,123,16, 'debit', '2009-12-12', 7770000); 
Query OK, 20 rows affected (0.41 sec)

Records: 20 Duplicates: 0 Marnings: 0
   🕟 Command Prompt - mysql -u root -p
                                                                                                                                                                                                                                                                                        lariaDB [perbankan]> select * from transaksi;
   no transaksi | id_nasabahFK | no_rekeningFK | jenis_transaksi | tanggal
                                                                                                                                                                                                    jumlah
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106
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50000
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104
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kredit
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0000-00-00 00:00:00
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9
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102
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debit
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50000
                                                                                              105
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debit
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119
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debit
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kredit
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121
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700000
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kredit
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                                                                                             119
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                          48
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122
                                                                                                           kredit
debit
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