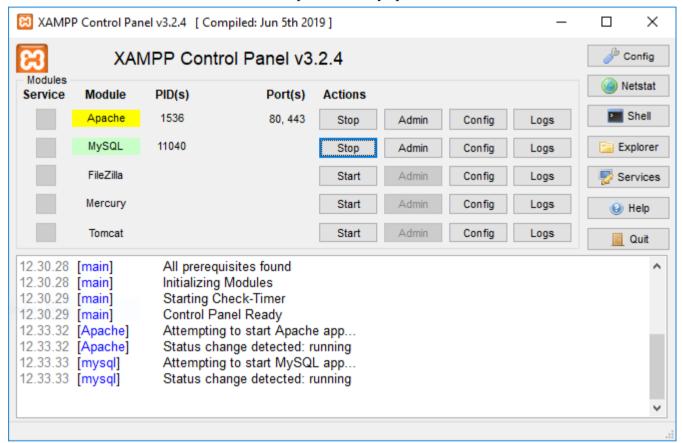
Nama: Berlian Vidia Puspa

NIM : L200180107

Kelas: D

Praktikum Sistem Basis data Modul 5

1. Buka XAMPP, lalu aktifkan server apache dan mysql,



2. setelah itu masuk ke cmd dan login sebagai root ke mysql

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

Microsoft Windows [Version 10.0.17134.1365]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\ACER>cd C:\xampp\mysql\bin

C:\xampp\mysql\bin>mysql - u root - p

Enter password:
Welcome to the MariaDB monitor. Commands end with ; or \g.
Your MariaDB connection id is 8

Server version: 10.4.11-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]>
```

3. lalu masuk ke databse perbankan

```
MariaDB [(none)]> use perbankan
Database changed
MariaDB [perbankan]>
```

- 4. kemudian masukan data yang diperintahkan
 - insert table nasabah

```
MariaDB [perbankan]> insert into nasabah(id_nasabah,nama_nasabah,alamat_nasabah)values(1,'Sutopo','Jl. MT. Haryono 31');
Query OK, 1 row affected (8.592 sec)

MariaDB (perbankan]> insert into nasabah(id_nasabah,nama_nasabah,alamat_nasabah)values(2,'Maryati','Jl. MT. Haryono 31');
Query OK, 1 row affected (8.116 sec)

MariaDB (perbankan)> insert into nasabah(id_nasabah,nama_nasabah,alamat_nasabah)values(3,'Suparman','Jl. Hasanudin 81');
Query OK, 1 row affected (8.679 sec)

MariaDB (perbankan)> insert into nasabah(id_nasabah,nama_nasabah,alamat_nasabah)values(4,'Kartika Padmasari','Jl. Manggis 15');
Query OK, 1 row affected (8.679 sec)

MariaDB (perbankan)> insert into nasabah(id_nasabah,nama_nasabah,alamat_nasabah)values(5,'Budi Eko Prayogo','Jl. Kantil 38');
Query OK, 1 row affected (8.342 sec)

MariaDB (perbankan)> insert into nasabah(id_nasabah,nama_nasabah,alamat_nasabah)values(6,'Satria Eka Jaya','Jl. Slamet Riyadi 45');
Query OK, 1 row affected (8.688 sec)

MariaDB (perbankan)> insert into nasabah(id_nasabah,nama_nasabah,alamat_nasabah)values(7,'Indri Hapsari','Jl. Sutoyo 5');
Query OK, 1 row affected (8.328 sec)

MariaDB (perbankan)> insert into nasabah(id_nasabah,nama_nasabah,alamat_nasabah)values(8,'Sari Murti','Jl. Pangandaran 11');
Query OK, 1 row affected (8.328 sec)

MariaDB (perbankan)> insert into nasabah(id_nasabah,nama_nasabah,alamat_nasabah)values(9,'Canka Lokananta','Jl. Tidar 86');
Query OK, 1 row affected (8.678 sec)

MariaDB (perbankan)> insert into nasabah(id_nasabah,nama_nasabah,alamat_nasabah)values(10,'Budi Murtono','Jl. Merak 22');
Query OK, 1 row affected (8.679 sec)

MariaDB (perbankan)> insert into nasabah(id_nasabah,nama_nasabah,alamat_nasabah)values(10,'Budi Murtono','Jl. Merak 22');
Query OK, 1 row affected (8.679 sec)
```

insert table cabang_bank

```
MariaDB [perbankan]> insert into cabang_bank(kode_cabang,nama_cabang,alamat_cabang)values('BRUS','Bank Rut Unit Surakarta','Jl.Slamet Riyadi 18');
Query OK, 1 row affected (0.179 sec)

MariaDB [perbankan]> insert into cabang_bank(kode_cabang,nama_cabang,alamat_cabang)values('BRUM','Bank Rut Unit Magelang','Jl.P.Tendean 63');
Query OK, 1 row affected (0.095 sec)

MariaDB [perbankan]> insert into cabang_bank(kode_cabang,nama_cabang,alamat_cabang)values('BRUB','Bank Rut Unit Boyolali','Jl.Ahmad Yani 45');
Query OK, 1 row affected (0.084 sec)

MariaDB [perbankan]> insert into cabang_bank(kode_cabang,nama_cabang,alamat_cabang)values('BRUK','Bank Rut Unit Klaten','Jl.Suparman 23');
Query OK, 1 row affected (0.096 sec)

MariaDB [perbankan]> insert into cabang_bank(kode_cabang,nama_cabang,alamat_cabang)values('BRUY','Bank Rut Unit Yogyakarta','Jl.Anggrek 21');
Query OK, 1 row affected (0.072 sec)

MariaDB [perbankan]> insert into cabang_bank(kode_cabang,nama_cabang,alamat_cabang)values('BRUW','Bank Rut Unit Wonogiri','Jl.Untung Suropati 12');
Query OK, 1 row affected (0.086 sec)

MariaDB [perbankan]>
```

insert table rekening

```
Command Prompt - mysql -u root -p
                                                                                                                                                                                                       lariaDB [perbankan]> insert into rekening(no_rekening,kode_cabangFK,pin,saldo)values(101,'BRUS',1111,500000);
Query OK, 1 row affected (0.074 sec)
ariaDB [perbankan]> insert into rekening(no_rekening,kode_cabangFK,pin,saldo)values(102,'BRUS',2222,350000);
uery OK, 1 row affected (0.535 sec)
MariaDB [perbankan]> insert into rekening(no_rekening,kode_cabangFK,pin,saldo)values(103,'BRUS',3333,750000);
Query OK, 1 row affected (0.073 sec)
MariaDB [perbankan]> insert into rekening(no_rekening,kode_cabangFK,pin,saldo)values(104,'BRUM',4444,900000);
Query OK, 1 row affected (0.072 sec)
lariaDB [perbankan]> insert into rekening(no_rekening,kode_cabangFK,pin,saldo)values(105,'BRUM',5555,2000000);
puery OK, 1 row affected (0.049 sec)
ariaDB [perbankan]> insert into rekening(no_rekening,kode_cabangFK,pin,saldo)values(106,'BRUS',6666,3000000);
uery OK, 1 row affected (0.131 sec)
lariaDB [perbankan]> insert into rekening(no_rekening,kode_cabangFK,pin,saldo)values(107,'BRUS',7777,1000000);
luery OK, 1 row affected (0.063 sec)
"dariaDB [perbankan]> insert into rekening(no_rekening,kode_cabangFK,pin,saldo)values(108,'BRUB',0000,5000000);
Query OK, 1 row affected (0.056 sec)
lariaOB [perbankan]> insert into rekening(no_rekening,kode_cabangFK,pin,saldo)values(109,'BRUB',9999,0);
Query OK, 1 row affected (0.057 sec)
lariaDB [perbankan]> insert into rekening(no_rekening,kode_cabangFK,pin,saldo)values(110,'BRUY',1234,550000);
puery OK, 1 row affected (0.337 sec)
dariaDB [perbankan]> insert into rekening(no_rekening,kode_cabangFK,pin,saldo)values(111,'BRUK',4321,150000);
Query OK, 1 row affected (0.071 sec)
lariaDB [perbankan]> insert into rekening(no_rekening,kode_cabangFK,pin,saldo)values(112,'BRUK',0123,300000);
puery OK, 1 row affected (0.062 sec)
ariaDB [perbankan]> insert into rekening(no_rekening,kode_cabangFK,pin,saldo)values(113,'BRUY',8888,255000);
uery OK, 1 row affected (0.064 sec)
                                                                                                                                                                      Activate Windows
ariaDB [perbankan]>
                                                                                                                                                                          to Settings to activate Window
```

insert table nasabah_has_rekening

```
П
Command Prompt - mysgl -u root -p
ariaDB [perbankan]> insert into nasabah_has_rekening(id_nasabahFK,no_rekeningFK)values(1,104);
uery OK, 1 row affected (0.069 sec)
lariaDB [perbankan]> insert into nasabah_has_rekening(id_nasabahFK,no_rekeningFK)values(2,103);
Query OK, 1 row affected (0.078 sec)
lariaDB [perbankan]> insert into nasabah_has_rekening(id_nasabahFK,no_rekeningFK)values(3,105);
puery OK, 1 row affected (0.048 sec)
lariaDB [perbankan]> insert into nasabah_has_rekening(id_nasabahFK,no_rekeningFK)values(3,106);
Query OK, 1 row affected (0.054 sec)
MariaDB [perbankan]> insert into nasabah_has_rekening(id_nasabahFK,no_rekeningFK)values(4,101);
Query OK, 1 row affected (0.060 sec)
"dariaDB [perbankan]> insert into nasabah_has_rekening(id_nasabahFK,no_rekeningFK)values(4,107);
Query OK, 1 row affected (0.059 sec)
lariaDB [perbankan]> insert into nasabah_has_rekening(id_nasabahFK,no_rekeningFK)values(5,102);
luery OK, 1 row affected (0.045 sec)
dariaDB [perbankan]> insert into nasabah_has_rekening(id_nasabahFK,no_rekeningFK)values(5,107);
Query OK, 1 row affected (0.049 sec)
ariaDB [perbankan]> insert into nasabah_has_rekening(id_nasabahFK,no_rekeningFK)values(6,109);
uery OK, 1 row affected (0.045 sec)
lariaDB [perbankan]> insert into nasabah_has_rekening(id_nasabahFK,no_rekeningFK)values(7,109);
puery OK, 1 row affected (0.056 sec)
lariaDB [perbankan]> insert into nasabah_has_rekening(id_nasabahFK,no_rekeningFK)values(8,111);
Query OK, 1 row affected (0.060 sec)
lariaDB [perbankan]> insert into nasabah_has_rekening(id_nasabahFK,no_rekeningFK)values(9,110);
Query OK, 1 row affected (0.054 sec)
lariaDB [perbankan]> insert into nasabah_has_rekening(id_nasabahFK,no_rekeningFK)values(10,113);
Query OK, 1 row affected (0.045 sec)
ariaDB [perbankan]> insert into nasabah_has_rekening(id_nasabahFK,no_rekeningFK)values(8,112);
uery OK, 1 row affected (0.050 sec)
                                                                                                                                                                              Activate Windows
ariaDB [perbankan]> insert into nasabah_has_rekening(id_nasabahFK,no_rekeningFK)values(10,108);
uery OK, 1 row affected (0.098 sec)
```

insert table transaksi

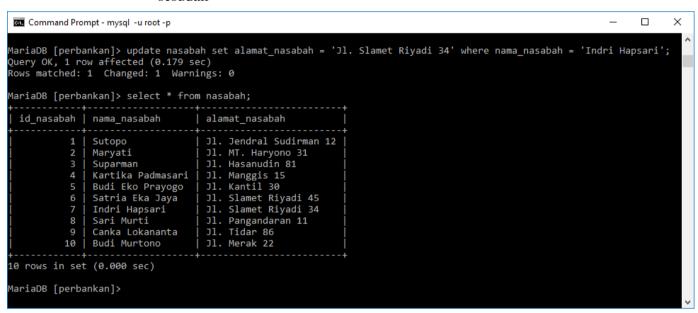
```
Command Prompt - mysgl -u root -
dariaDB [perbankan]> insert into transaksi(no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah)values(1,105,3,'debit','2009-11-10',50000);
Duery OK, 1 row affected (0.073 sec)
dariaDB [perbankan]> insert into transaksi(no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah)values(2,103,2,'debit','2009-11-10',40000);
Query OK, 1 row affected (0.078 sec)
ariaDB [perbankan]> insert into transaksi(no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah)values(3,101,4,'kredit','2009-11-12',20000);
uery OK, 1 row affected (0.062 sec)
ariaDB [perbankan]> insert into transaksi(no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah)values(4,106,3,'debit','2009-11-13',50000);
uerv OK. 1 row affected (0.061 sec)
 ariaDB [perbankan]> insert into transaksi(no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah)values(5,107,5,'kredit','2009-11-13',30000);
uery OK, 1 row affected (0.074 sec)
ariaDB [perbankan]> insert into transaksi(no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah)values(6,104,1,'kredit','2009-11-15',200000);
uerv OK. 1 row affected (0.071 sec)
 ariaDB [perbankan]> insert into transaksi(no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah)values(7,110,9,'kredit','2009-11-15',150000);
uery OK, 1 row affected (0.056 sec)
ariaDB [perbankan]> insert into transaksi(no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah)values(8,102,5,'debit','2009-11-16',20000);
uery OK, 1 row affected (0.064 sec)
ariaDB [perbankan]> insert into transaksi(no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah)values(9,107,3,'kredit','2009-11-18',50000);
uery OK, 1 row affected (0.071 sec)
ariaDB [perbankan]> insert into transaksi(no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah)values(10,105,4,'debit','2009-11-19',100000);
uery OK, 1 row affected (0.059 sec)
ariaDB [perbankan]> insert into transaksi(no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah)values(11,103,2,'debit','2009-11-19',100000);
uery OK, 1 row affected (0.256 sec)
ariaDB [perbankan]> insert into transaksi(no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah)values(12,104,1,'debit','2009-11-19',50000);
uery OK, 1 row affected (0.055 sec)
ariaDB [perbankan]> insert into transaksi(no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah)values(13,107,4,'kredit','2009-11-20',200000);
puery OK, 1 row affected (0.058 sec)
nariaDB [perbankan]> insert into transaksi(no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah)values(14,105,3,'debit','2009-11-21',40000);
Query OK, 1 row affected (0.058 sec)
                                                                                                                                                                    Activate Windows
ariaDB [perbankan]> insert into transaksi(no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah)values(15,104,1,'kreʤt(o ২০০৭g11-22th)400000)dows
uery OK, 1 row affected (0.051 sec)
 uery OK, 1 row affected (0.051 sec)
lariaDB [perbankan]> insert into transaksi(no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah)values(16,101,4,'kredit','2009-11-22',20000);
Juery OK, 1 row affected (0.056 sec)
ariaDB [perbankan]> insert into transaksi(no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah)values(17,103,2,'debit','2009-11-22',50000);
uery OK, 1 row affected (0.065 sec)
ariaDB [perbankan]> insert into transaksi(no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah)values(18,102,5,'debit','2009-11-25',50000);
werv OK. 1 row affected (0.330 sec)
ariaDB [perbankan]> insert into transaksi(no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah)values(19,108,10,'debit','2009-11-26',100000);
uery OK, 1 row affected (0.325 sec)
ariaDB [perbankan]> insert into transaksi(no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah)values(20,106,3,'kredit','2009-11-27',50000);
uery OK, 1 row affected (0.055 sec)
ariaDB [perbankan]> insert into transaksi(no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah)values(21,103,2,'kredit','2009-11-28',200000);
puery OK, 1 row affected (0.046 sec)
ariaDB [perbankan]> insert into transaksi(no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah)values(22,105,3,'kredit','2009-11-28',100000);
uery OK, 1 row affected (0.046 sec)
ariaDB [perbankan]> insert into transaksi(no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah)values(23,102,5,'debit','2009-11-30',20000);
uery OK, 1 row affected (1.709 sec)
ariaDB [perbankan]> insert into transaksi(no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah)values(24,104,1,'debit','2009-12-1',50000);
uery OK, 1 row affected (0.048 sec)
MariaDB [perbankan]> insert into transaksi(no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah)values(25,103,2,'debit','2009-12-2',40000);
Query OK, 1 row affected (0.066 sec)
ariaDB [perbankan]> insert into transaksi(no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah)values(26,101,4,'debit','2009-12-4',50000);
uery OK, 1 row affected (0.426 sec)
ariaDB [perbankan]> insert into transaksi(no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah)values(27,103,2,'kredit','2009-12-5',100000);
uery OK, 1 row affected (0.076 sec)
 riaDB [perbankan]> insert into transaksi(no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah)values(28,102,5,'kredit','2009-12-5',200000);
ery OK, 1 row affected (0.058 sec)
ariaDB [perbankan]> insert into transaksi(no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah)values(29,109,7,'debit','2009-12-5',100000);
Activate Windows
 Go to Settings to activate Windows ariaDB [perbankan]> insert into transaksi(no_transaksi,no_rekeningFK,id_nasabahFK,jenis_transaksi,tanggal,jumlah)values(30,110,9,'debit','2009-12-6',20000); uery OK, 1 row affected (0.076 sec)
```

- 5. Lakukan update untuk kasus berikut
 - ❖ Nasabah dengan nama "Indri Hapsari" pindah alamat ke "Jalan Slamet Riyadi No.34"

✓ Sebelum

```
| MariaDB [perbankan]> select * from nasabah; | id_nasabah | nama_nasabah | alamat_nasabah | | id_nasabah | nama_nasabah | | 1 | Sutopo | 31 | Jendral Sudirman 12 | 2 | Maryati | 31 | Marganudin 81 | | 4 | Kartika Padmasari | 31 | Manggis 15 | | 5 | Budi Eko Prayogo | 31 | Kantil 30 | | 6 | Satria Eka Jaya | 31 | Slamet Riyadi 45 | 7 | Indri Hapsari | 31 | Sutoyo 5 | | 8 | Sari Murti | 31 | Pangandaran 11 | 9 | Canka Lokananta | 31 | Tidar 86 | 10 | Budi Murtono | 31 | Merak 22 | | 10 rows in set (0.058 sec)
```

✓ sesudah



Cabang dengan kode "BRUW" pindah ke alamat "Jalan A. Yani No.23"

✓ Sebelum

```
Х
Command Prompt - mysql -u root -p
MariaDB [perbankan]> select * from cabang bank;
                                            alamat_cabang
 kode_cabang | nama_cabang
 BRUB
                Bank Rut Unit Boyolali
                                            Jl.Ahmad Yani 45
 BRUK
                Bank Rut Unit Klaten
                                            Jl.Suparman 23
 BRUM
                Bank Rut Unit Magelang
                                            Jl.P.Tendean 63
 BRUS
                Bank Rut Unit Surakarta
                                            Jl.Slamet Riyadi 18
                Bank Rut Unit Wonogiri
                                            Jl.Untung Suropati 12
 BRUW
 BRUY
                Bank Rut Unit Yogyakarta
                                           Jl.Anggrek 21
 rows in set (0.035 sec)
MariaDB [perbankan]>
```

✓ sesudah

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> update cabang_bank set alamat_cabang =
Query OK, 1 row affected (0.103 sec)
Rows matched: 1 Changed: 1 Warnings: 0
MariaDB [perbankan]> 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 Surakarta
 RRHR
                                                                   Jl.Ahmad Yani 45
 BRUK
                                                                   Jl.Suparman 23
                                                                  Jl.P.Tendean 63
Jl.Slamet Riyadi 18
 BRUM
BRUS
                       Bank Rut Unit Wonogiri
Bank Rut Unit Yogyakarta
                                                                  Jl.A Yani 23
Jl.Anggrek 21
 BRUW
 BRUY
 rows in set (0.000 sec)
ariaDB [perbankan]>
```

- 6. Lakukan penghapusan untuk kasus berikut
 - ❖ Nasabah dengan id "7" menutup rekeningnya
 - ✓ Sebelum

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> select * from nasabah;
 id_nasabah | nama_nasabah
                                    | alamat_nasabah
                                      Jl. Jendral Sudirman 12
           1 | Sutopo
           2 | Maryati
3 | Suparman
                                      Jl. MT. Haryono 31
                                      Jl. Hasanudin 81
Jl. Manggis 15
              Kartika Padmasari
           4
              Budi Eko Prayogo
                                      Jl. Kantil 30
                                      Jl. Slamet Riyadi 45
Jl. Slamet Riyadi 34
                Satria Eka Jaya
                Indri Hapsari
                Sari Murti
           8
                                      Jl. Pangandaran 11
                                      Jl. Tidar 86
           9
                Canka Lokananta
           10
                Budi Murtono
                                      Jl. Merak 22
10 rows in set (0.000 sec)
MariaDB [perbankan]>
```

✓ sesudah

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> delete from nasabah where id_nasabah = 7;
Query OK, 1 row affected (0.105 sec)
MariaDB [perbankan]> select * from nasabah;
 id_nasabah | nama_nasabah
                                   alamat_nasabah
                                    Jl. Jendral Sudirman 12
             Sutopo
                                    Jl. MT. Haryono 31
               Maryati
                                    Jl. Hasanudin 81
               Suparman
               Kartika Padmasari
                                    Jl. Manggis 15
                                    Jl. Kantil 30
Jl. Slamet Riyadi 45
               Budi Eko Prayogo
               Satria Eka Jaya
                                    Jl. Pangandaran 11
           8
               Sari Murti
               Canka Lokananta
                                    Jl. Tidar 86
           g
            Budi Murtono
                                    Jl. Merak 22
          10
 rows in set (0.001 sec)
MariaDB [perbankan]>
```

❖ Cabang dengan nama_cabang "Bank Rut Unit Magelang" menutup Kantornya
 ✓ Sebelum dan sesudah

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> select * from cabang_bank;
 kode_cabang | nama_cabang
                                                 | alamat_cabang
                  Bank Rut Unit Boyolali
Bank Rut Unit Klaten
 BRUB
                                                   Jl.Ahmad Yani 45
 BRUK
                                                   Jl.Suparman 23
                                                   Jl.P.Tendean 63
Jl.Slamet Riyadi 18
Jl.A Yani 23
                  Bank Rut Unit Magelang
Bank Rut Unit Surakarta
Bank Rut Unit Wonogiri
 BRUM
 BRUS
 BRUW
 BRUY
                  Bank Rut Unit Yogyakarta
                                                   Jl.Anggrek 21
 rows in set (0.000 sec)
MariaDB [perbankan]> delete from cabang_bank where nama_cabang = 'Bank Rut Unit Magelang';
Query OK, 1 row affected (0.114 sec)
MariaDB [perbankan]> select * from cabang_bank;
 kode_cabang | nama_cabang
                                                 | alamat_cabang
 BRUB
                  Bank Rut Unit Boyolali
                                                   Jl.Ahmad Yani 45
                                                   Jl.Suparman 23
Jl.Slamet Riyadi 18
 BRUK
                  Bank Rut Unit Klaten
 BRUS
                  Bank Rut Unit Surakarta
                  Bank Rut Unit Wonogiri
 BRUW
                                                   Jl.A Yani 23
                  Bank Rut Unit Yogyakarta
 BRUY
                                                   Jl.Anggrek 21
 rows in set (0.000 sec)
```

Tugas

1. Record tabel nasabah

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> insert into nasabah(id_nasabah,nama_nasabah,alamat_nasabah)values
-> (11, 'Berlian Vidia','Jl. Mawar 23'),
-> (12, 'Elsa Putri','Jl. Indah 27'),
-> (13, 'Nadya Ayu','Jl. Purimas 92'),
-> (14, 'Wulandari','Jl. Mencoraya 16'),
-> (15, 'Ayudhia','Jl. Duwet 43'),
-> (16, 'Razzaq Irasta','Jl. Gonilan 77'),
-> (17, 'Dhandy Armikko','Jl. Beo IV 61'),
-> (18, 'Fadel Fais','Jl. Pabelan 25'),
-> (19, 'Arlida Tita','Jl. Krakatau 23'),
-> (20, 'Kuncoro','Jl. Persahabatan 20);
'> ');
Query OK, 10 rows affected (0.350 sec)
Records: 10 Duplicates: 0 Warnings: 0
lariaDB [perbankan]> select * from nasabah;
  id_nasabah | nama_nasabah
                                                           alamat_nasabah
                                                              Jl. Jendral Sudirman 12
                         Sutono
                         Maryati
Suparman
                                                              Jl. MT. Haryono 31
                                                               Jl. Hasanudin 81
                         Kartika Padmasari
                                                               Jl. Manggis 15
                         Budi Eko Prayogo
Satria Eka Jaya
Sari Murti
                                                              Jl. Kantil 30
Jl. Slamet Riyadi 45
Jl. Pangandaran 11
                                                              Jl. Tidar 86
                         Canka Lokananta
                         Budi Murtono
                                                               Jl. Merak 22
                         Berlian Vidia
                                                               Jl. Mawar 23
                                                              Jl. Indah 27
                12
13
14
15
                         Elsa Putri
                                                              Jl. Purimas 92
                         Nadya Ayu
                                                              Jl. Mencoraya 16
Jl. Duwet 43
                         Wulandari
                         Ayudhia
                         Razzaq Irasta
                                                               Jl. Gonilan 77
                         Dhandy Armikko
Fadel Fais
                                                              Jl. Beo IV 61
                                                              Jl. Pabelan 25
                 18
                                                              Jl. Krakatau 23
                 19
                         Arlida Tita
                 วด
                          Kuncoro
                                                              Jl. Persahabatan 20);
```

2. Record tabel cabang_bank

```
Command Prompt - mysql -u root -p
 19 rows in set (0.001 sec)
MariaDB [perbankan]> insert into cabang_bank(kode_cabang,nama_cabang,alamat_cabang)values
-> ('BRUA','Bank Rut Unit Andong','Jl. A 10'),
-> ('BRUC','Bank Rut Unit Cilacap','Jl. B 20'),
-> ('BRUD','Bank Rut Unit Demak','Jl. C 30'),
-> ('BRUE','Bank Rut Unit Eropa','Jl. D 40'),
-> ('BRUG','Bank Rut Unit Gemolong','Jl. D 50'),
-> ('BRUH','Bank Rut Unit Hotman','Jl. D 60'),
-> ('BRUI','Bank Rut Unit Itali','Jl. D 70'),
-> ('BRUJ','Bank Rut Unit Jombang','Jl. D 80'),
-> ('BRUL','Bank Rut Unit Lampung','Jl. D 90'),
-> ('BRUN','Bank Rut Unit Ngawi','Jl. D 100');
Query OK, 10 rows affected (0.078 sec)
Records: 10 Duplicates: 0 Warnings: 0
  ariaDB [perbankan]> select * from cabang bank;
    kode_cabang | nama_cabang
                                                                                  | alamat_cabang
                                                                                      Jl. A 10
    BRUA
                               Bank Rut Unit Andong
                               Bank Rut Unit Boyolali
                                                                                      Jl.Ahmad Yani 45
                                                                                     J1. B 20
J1. C 30
J1. D 40
J1. D 50
    BRUC
                               Bank Rut Unit Cilacap
                               Bank Rut Unit Demak
Bank Rut Unit Eropa
    BRUD
    BRUE
    BRUG
                                Bank Rut Unit Gemolong
                               Bank Rut Unit Hotman
Bank Rut Unit Itali
Bank Rut Unit Jombang
    BRUH
                                                                                      Jl. D 60
                                                                                     J1. D 70
J1. D 80
    BRUI
    BRUJ
    BRUK
                                Bank Rut Unit Klaten
                                                                                      Jl.Suparman 23
                                                                                     Jl. D 90
Jl. D 100
    BRUL
                               Bank Rut Unit Lampung
    BRUN
                               Bank Rut Unit Ngawi
Bank Rut Unit Surakarta
    BRUS
                                                                                      Jl.Slamet Riyadi 18
    BRUW
                                Bank Rut Unit Wonogiri
                                                                                      Jl.A Yani 23
                                                                                      Jl.Anggrek 21
    BRUY
                               Bank Rut Unit Yogyakarta
  5 rows in set (0.000 sec)
  ariaDB [perbankan]>
```

3. Record tabel rekening

```
Command Prompt - mysql -u root -p
 MariaDB [perbankan]> insert into rekening(no rekening,Kode cabangFK,pin,saldo)values
             (114, 'BRUQ', 6473, 400000),
->
-> (115, 'BRUR', 9823, 458000),
-> (116, 'BRUT', 9344, 40000000),
-> (117, 'BRUP', 2378, 100000),
-> (118, 'BRUJ', 1389, 5500000),
-> (119, 'BRUG', 1267, 700000),
-> (120, 'BRUS', 5698, 2000000000),
-> (121, 'BRUZ', 7845, 27000000),
-> (122, 'BRUY', 4570, 59000000),
-> (123, 'BRUV', 8900, 300000000);

Query OK, 10 rows affected (0.110 sec)

Records: 10 Duplicates: 0 Warnings: 0
 MariaDB [perbankan]> select * from rekening;
   no_rekening | kode_cabangFK | pin | saldo
                101
                                                                 500000
                                                  1111
                102
                         BRUS
                                                  2222
                                                                 350000
                103
                         BRUS
                                                  3333
                                                                 750000
                104
                         BRUM
                                                  4444
                                                                 900000
                105
                         BRUM
                                                  5555
                                                                2000000
                106
                         BRUS
                                                  6666
                                                                3000000
                107
                         BRUS
                                                                1000000
                                                  7777
                108
                         BRUB
                                                  0
                                                                5000000
                                                  9999
                109
                         BRUB
                         BRUY
                110
                                                  1234
                                                                 550000
                111
                         BRUK
                                                  4321
                                                                 150000
                         BRUK
                                                  123
                                                                 300000
                                                  8888
                113
                         BRUY
                                                                 255000
                114
                         BRUQ
                                                  6473
                                                                 400000
                115
                         BRUR
                                                  9823
                                                                 458000
                116
                         BRUT
                                                  9344
                                                              40000000
                                                  2378
                                                                 100000
                117
                         BRUP
                118
                         BRUJ
                                                  1389
                                                                5500000
                119
                         BRUG
                                                  1267
                                                                 700000
                120
                         BRUS
                                                  5698
                                                             200000000
                121
                         BRUZ
                                                  7845
                                                              27000000
                122
                         BRUY
                                                  4570
                                                              59000000
                123
                         BRUV
                                                  8900
                                                              30000000
```

4. Record tabel nasabah_has_rekening

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> insert into nasabah_has_rekening(id_nasabahFK,no_rekeningFK)values
    -> (11,104),(12,103),
    -> (12,105),(13,106),
-> (14,101),(14,107),
-> (15,102),(15,107),
    -> (16,109),(17,109);
Query OK, 10 rows affected (0.082 sec)
Records: 10 Duplicates: 0 Warnings: 0
MariaDB [perbankan]> select * from nasabah_has_rekening;
 id_nasabahFK | no_rekeningFK |
              1 |
              2
                              103
              3
                              105
              3
                              106
              4
                              101
              4
                              107
                              102
                              107
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                              109
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             14
                              101
             14
                              107
                              102
             15
                              107
             16
                              109
             17
                              109
25 rows in set (0.001 sec)
```

5. Record transaksi

```
nysql> select * from transaksi;
   no_transaksi | id_nasabahFK | no_rekeningFK | jenis_transaksi | tanggal
                                                                                                                                                              jumlah
                                                                                                                      2019-04-02 22:30:39
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 50 rows in set (0.00 sec)
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