

Nama : Berlian Vidia Puspa

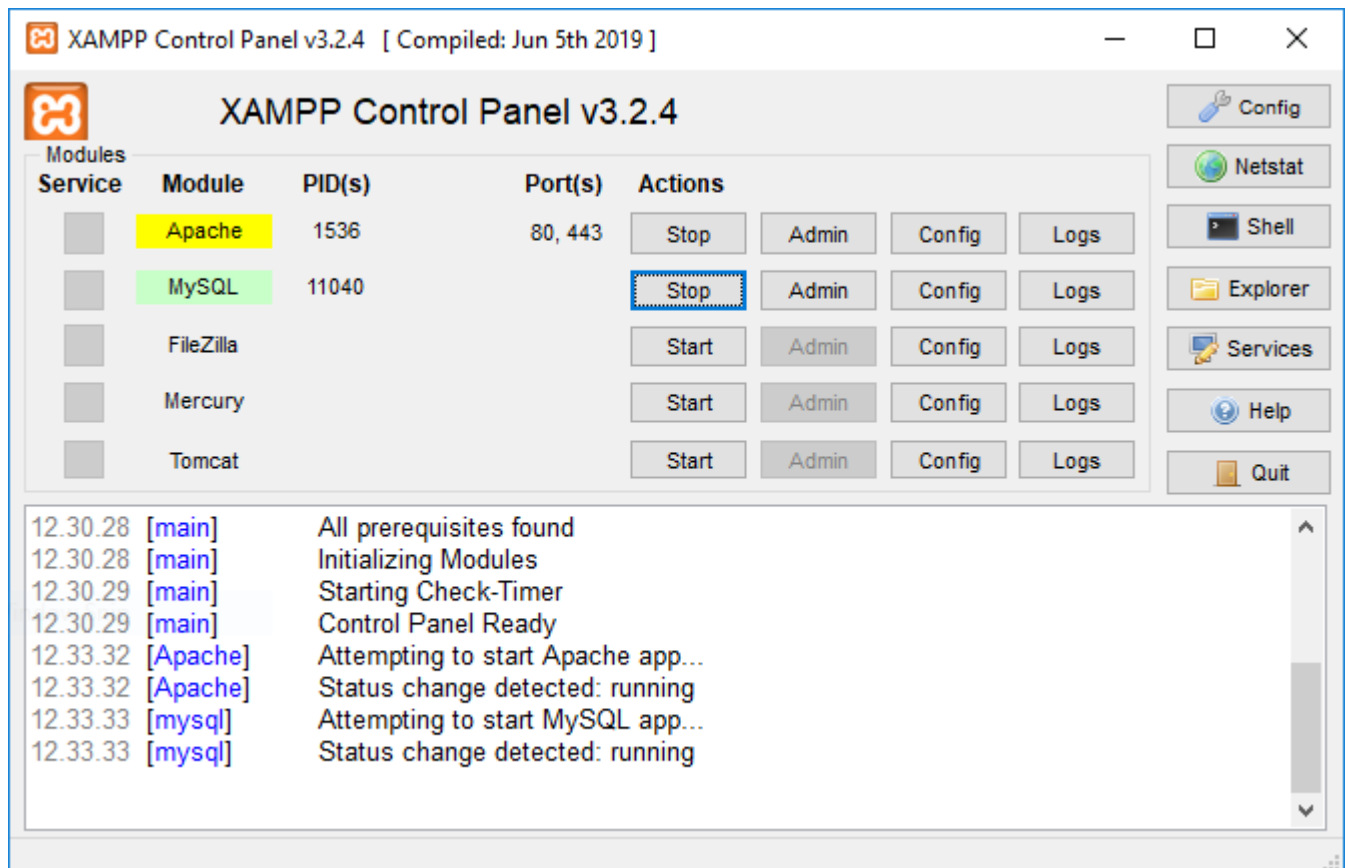
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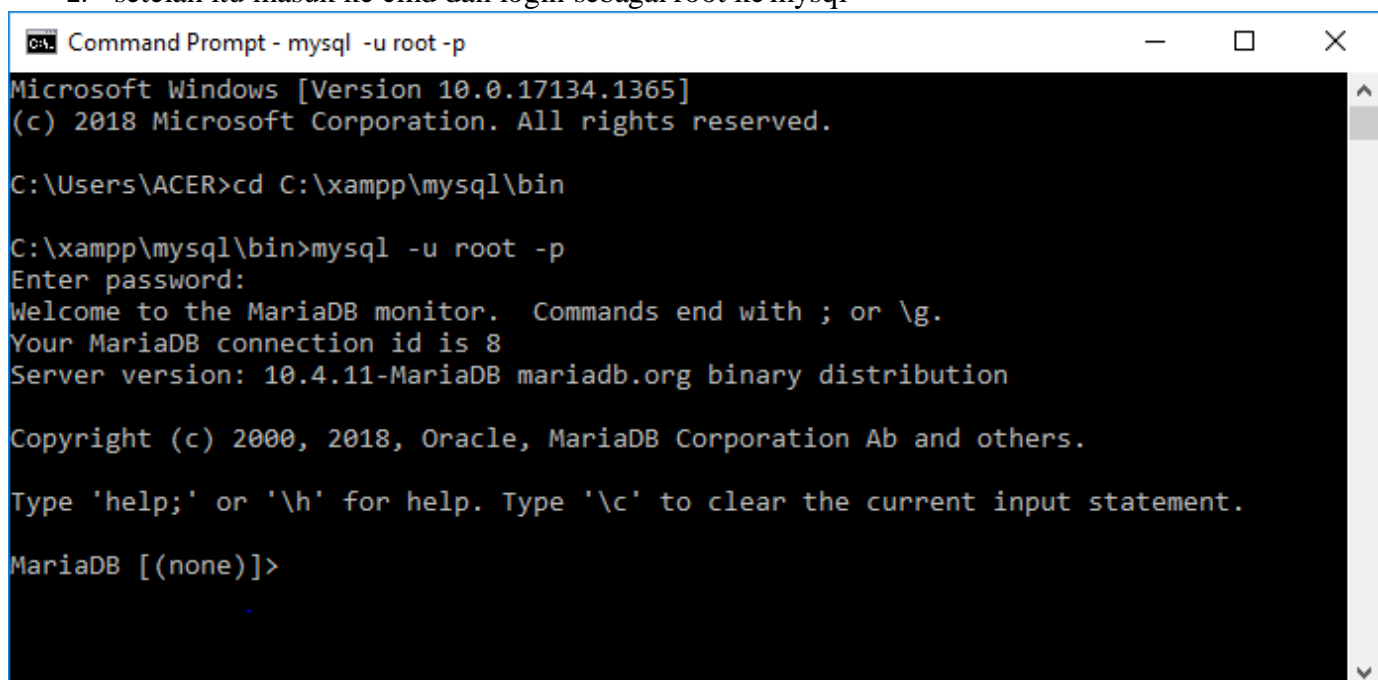
## Praktikum Sistem Basis data

### Modul 5

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



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



3. lalu masuk ke databse perbankan

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

4. kemudian masukan data yang diperintahkan

❖ insert table nasabah

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

MariaDB [perbankan]> insert into nasabah(id_nasabah,nama_nasabah,alamat_nasabah)values(1,'Sutopo','Jl. Jendral Sudirman 12');
Query OK, 1 row affected (0.592 sec)

MariaDB [perbankan]> insert into nasabah(id_nasabah,nama_nasabah,alamat_nasabah)values(2,'Maryati','Jl. MT. Haryono 31');
Query OK, 1 row affected (0.116 sec)

MariaDB [perbankan]> insert into nasabah(id_nasabah,nama_nasabah,alamat_nasabah)values(3,'Suparman','Jl. Hasanudin 81');
Query OK, 1 row affected (0.079 sec)

MariaDB [perbankan]> insert into nasabah(id_nasabah,nama_nasabah,alamat_nasabah)values(4,'Kartika Padmasari','Jl. Manggis 15');
Query OK, 1 row affected (0.077 sec)

MariaDB [perbankan]> insert into nasabah(id_nasabah,nama_nasabah,alamat_nasabah)values(5,'Budi Eko Prayogo','Jl. Kantil 30');
Query OK, 1 row affected (0.342 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 (0.051 sec)

MariaDB [perbankan]> insert into nasabah(id_nasabah,nama_nasabah,alamat_nasabah)values(7,'Indri Hapsari','Jl. Sutoyo 5');
Query OK, 1 row affected (0.080 sec)

MariaDB [perbankan]> insert into nasabah(id_nasabah,nama_nasabah,alamat_nasabah)values(8,'Sari Murti','Jl. Pangandaran 11');
Query OK, 1 row affected (0.320 sec)

MariaDB [perbankan]> insert into nasabah(id_nasabah,nama_nasabah,alamat_nasabah)values(9,'Canka Lokananta','Jl. Tidar 86');
Query OK, 1 row affected (0.078 sec)

MariaDB [perbankan]> insert into nasabah(id_nasabah,nama_nasabah,alamat_nasabah)values(10,'Budi Murtono','Jl. Merak 22');
Query OK, 1 row affected (0.079 sec)

MariaDB [perbankan]>
```

❖ insert table cabang\_bank

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

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

MariaDB [perbankan]> insert into rekening(no_rekening,kode_cabangFK,pin,saldo)values(101,'BRUS',1111,500000);
Query OK, 1 row affected (0.074 sec)

MariaDB [perbankan]> insert into rekening(no_rekening,kode_cabangFK,pin,saldo)values(102,'BRUS',2222,350000);
Query 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)

MariaDB [perbankan]> insert into rekening(no_rekening,kode_cabangFK,pin,saldo)values(105,'BRUM',5555,2000000);
Query OK, 1 row affected (0.049 sec)

MariaDB [perbankan]> insert into rekening(no_rekening,kode_cabangFK,pin,saldo)values(106,'BRUS',6666,3000000);
Query OK, 1 row affected (0.131 sec)

MariaDB [perbankan]> insert into rekening(no_rekening,kode_cabangFK,pin,saldo)values(107,'BRUS',7777,1000000);
Query OK, 1 row affected (0.063 sec)

MariaDB [perbankan]> insert into rekening(no_rekening,kode_cabangFK,pin,saldo)values(108,'BRUB',0000,5000000);
Query OK, 1 row affected (0.056 sec)

MariaDB [perbankan]> insert into rekening(no_rekening,kode_cabangFK,pin,saldo)values(109,'BRUB',9999,0);
Query OK, 1 row affected (0.057 sec)

MariaDB [perbankan]> insert into rekening(no_rekening,kode_cabangFK,pin,saldo)values(110,'BRUY',1234,550000);
Query OK, 1 row affected (0.337 sec)

MariaDB [perbankan]> insert into rekening(no_rekening,kode_cabangFK,pin,saldo)values(111,'BRUK',4321,150000);
Query OK, 1 row affected (0.071 sec)

MariaDB [perbankan]> insert into rekening(no_rekening,kode_cabangFK,pin,saldo)values(112,'BRUK',0123,300000);
Query OK, 1 row affected (0.062 sec)

MariaDB [perbankan]> insert into rekening(no_rekening,kode_cabangFK,pin,saldo)values(113,'BRUY',8888,255000);
Query OK, 1 row affected (0.064 sec)

MariaDB [perbankan]>
```

## ❖ insert table nasabah\_has\_rekening

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

MariaDB [perbankan]> insert into nasabah_has_rekening(id_nasabahFK,no_rekeningFK)values(1,104);
Query OK, 1 row affected (0.069 sec)

MariaDB [perbankan]> insert into nasabah_has_rekening(id_nasabahFK,no_rekeningFK)values(2,103);
Query OK, 1 row affected (0.078 sec)

MariaDB [perbankan]> insert into nasabah_has_rekening(id_nasabahFK,no_rekeningFK)values(3,105);
Query OK, 1 row affected (0.048 sec)

MariaDB [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)

MariaDB [perbankan]> insert into nasabah_has_rekening(id_nasabahFK,no_rekeningFK)values(4,107);
Query OK, 1 row affected (0.059 sec)

MariaDB [perbankan]> insert into nasabah_has_rekening(id_nasabahFK,no_rekeningFK)values(5,102);
Query OK, 1 row affected (0.045 sec)

MariaDB [perbankan]> insert into nasabah_has_rekening(id_nasabahFK,no_rekeningFK)values(5,107);
Query OK, 1 row affected (0.049 sec)

MariaDB [perbankan]> insert into nasabah_has_rekening(id_nasabahFK,no_rekeningFK)values(6,109);
Query OK, 1 row affected (0.045 sec)

MariaDB [perbankan]> insert into nasabah_has_rekening(id_nasabahFK,no_rekeningFK)values(7,109);
Query OK, 1 row affected (0.056 sec)

MariaDB [perbankan]> insert into nasabah_has_rekening(id_nasabahFK,no_rekeningFK)values(8,111);
Query OK, 1 row affected (0.060 sec)

MariaDB [perbankan]> insert into nasabah_has_rekening(id_nasabahFK,no_rekeningFK)values(9,110);
Query OK, 1 row affected (0.054 sec)

MariaDB [perbankan]> insert into nasabah_has_rekening(id_nasabahFK,no_rekeningFK)values(10,113);
Query OK, 1 row affected (0.045 sec)

MariaDB [perbankan]> insert into nasabah_has_rekening(id_nasabahFK,no_rekeningFK)values(8,112);
Query OK, 1 row affected (0.050 sec)

MariaDB [perbankan]> insert into nasabah_has_rekening(id_nasabahFK,no_rekeningFK)values(10,108);
Query OK, 1 row affected (0.098 sec)
```

- ❖ insert table transaksi

 Command Prompt - mysql -u root -p

[illegible]

5. Lakukan update untuk kasus berikut

- ❖ Nasabah dengan nama "Indri Hapsari" pindah alamat ke "Jalan Slamet Riyadi No.34"
- ✓ Sebelum

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

MariaDB [perbankan]> 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 (0.058 sec)

MariaDB [perbankan]>
```

✓ sesudah

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

MariaDB [perbankan]> update nasabah set alamat_nasabah = 'Jl. Slamet Riyadi 34' where nama_nasabah = 'Indri Hapsari';
Query OK, 1 row affected (0.179 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          | 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. 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 (0.000 sec)

MariaDB [perbankan]>
```

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

✓ Sebelum

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

MariaDB [perbankan]> 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 |
| BRUM        | Bank Rut Unit Magelang | Jl.P.Tendean 63 |
| BRUS        | Bank Rut Unit Surakarta | Jl.Slamet Riyadi 18 |
| BRUW        | Bank Rut Unit Wonogiri | Jl.Untung Suropati 12 |
| BRUY        | Bank Rut Unit Yogyakarta | Jl.Anggrek 21 |
+-----+-----+-----+
6 rows in set (0.035 sec)

MariaDB [perbankan]>
```

✓ sesudah

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> update cabang_bank set alamat_cabang = 'Jl.A Yani 23' where kode_cabang = 'BRUW';
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          |
+-----+-----+-----+
| 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   |
| BRUW       | Bank Rut Unit Wonogiri | Jl.A Yani 23          |
| BRUY       | Bank Rut Unit Yogyakarta | Jl.Anggrek 21         |
+-----+-----+-----+
6 rows in set (0.000 sec)

MariaDB [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          |
+-----+-----+-----+
| 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. 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 (0.000 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          |
+-----+-----+-----+
| 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           |
+-----+-----+-----+
9 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 |
+-----+-----+-----+
| 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 |
| BRUW        | Bank Rut Unit Wonogiri | Jl.A Yani 23     |
| BRUY        | Bank Rut Unit Yogyakarta | Jl.Anggrek 21    |
+-----+-----+-----+
6 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 |
| BRUK        | Bank Rut Unit Klaten   | Jl.Suparman 23   |
| BRUS        | Bank Rut Unit Surakarta | Jl.Slamet Riyadi 18 |
| BRUW        | Bank Rut Unit Wonogiri | Jl.A Yani 23     |
| BRUY        | Bank Rut Unit Yogyakarta | Jl.Anggrek 21    |
+-----+-----+-----+
5 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

MariaDB [perbankan]> 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
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);

## 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

MariaDB [perbankan]> select * from cabang_bank;
```

kode_cabang	nama_cabang	alamat_cabang
BRUA	Bank Rut Unit Andong	Jl. A 10
BRUB	Bank Rut Unit Boyolali	Jl.Ahmad Yani 45
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
BRUK	Bank Rut Unit Klaten	Jl.Suparman 23
BRUL	Bank Rut Unit Lampung	Jl. D 90
BRUN	Bank Rut Unit Ngawi	Jl. D 100
BRUS	Bank Rut Unit Surakarta	Jl.Slamet Riyadi 18
BRUW	Bank Rut Unit Wonogiri	Jl.A Yani 23
BRUY	Bank Rut Unit Yogyakarta	Jl.Anggrek 21

```
15 rows in set (0.000 sec)

MariaDB [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',5698,200000000),
-> (121,'BRUZ',7845,27000000),
-> (122,'BRUY',4570,59000000),
-> (123,'BRUV',8900,30000000);
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	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	0	5000000
109	BRUB	9999	0
110	BRUY	1234	550000
111	BRUK	4321	150000
112	BRUK	123	300000
113	BRUY	8888	255000
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	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	104
2	103
3	105
3	106
4	101
4	107
5	102
5	107
6	109
7	109
8	111
8	112
9	110
10	108
10	113
11	104
12	103
12	105
13	106
14	101
14	107
15	102
15	107
16	109
17	109

```
25 rows in set (0.001 sec)
```

## 5. Record transaksi

```
mysql> insert into transaksi(no_transaksi, no_rekeningFK, id_nasabahFK, jenis_transaksi, tanggal, jumlah) values
-> (NULL, 105, 11, 'debit', DEFAULT, 40000),
-> (NULL, 104, 11, 'kredit', DEFAULT, 100000),
-> (NULL, 101, 14, 'kredit', DEFAULT, 20000),
-> (NULL, 103, 12, 'debit', DEFAULT, 50000),
-> (NULL, 102, 15, 'debit', DEFAULT, 50000),
-> (NULL, 108, 20, 'debit', DEFAULT, 100000),
-> (NULL, 106, 13, 'kredit', DEFAULT, 50000),
-> (NULL, 103, 12, 'kredit', DEFAULT, 200000),
-> (NULL, 105, 13, 'kredit', DEFAULT, 100000),
-> (NULL, 102, 15, 'debit', DEFAULT, 20000),
-> (NULL, 104, 11, 'debit', DEFAULT, 50000),
-> (NULL, 103, 12, 'debit', DEFAULT, 40000),
-> (NULL, 101, 14, 'kredit', DEFAULT, 50000),
-> (NULL, 103, 12, 'kredit', DEFAULT, 100000),
-> (NULL, 102, 15, 'kredit', DEFAULT, 200000),
-> (NULL, 104, 11, 'debit', DEFAULT, 50000),
-> (NULL, 103, 12, 'debit', DEFAULT, 40000),
-> (NULL, 101, 14, 'debit', DEFAULT, 50000),
-> (NULL, 109, 17, 'debit', DEFAULT, 100000),
-> (NULL, 110, 19, 'debit', DEFAULT, 20000);
Query OK, 20 rows affected (0.08 sec)
Records: 20 Duplicates: 0 Warnings: 0
```

```
mysql> select * from transaksi;
```

no_transaksi	id_nasabahFK	no_rekeningFK	jenis_transaksi	tanggal	jumlah
1	3	105	debit	2019-04-02 22:30:39	50000
2	2	103	debit	2019-04-02 22:30:39	40000
3	4	101	kredit	2019-04-02 22:30:39	20000
4	3	106	debit	2019-04-02 22:30:39	50000
5	5	107	kredit	2019-04-02 22:30:39	30000
6	1	104	kredit	2019-04-02 22:30:39	200000
7	9	110	kredit	2019-04-02 22:30:39	150000
8	5	102	debit	2019-04-02 22:30:39	20000
9	3	105	kredit	2019-04-02 22:30:39	50000
10	4	107	debit	2019-04-02 22:30:39	100000
11	2	103	debit	2019-04-02 22:30:39	100000
12	1	104	debit	2019-04-02 22:30:39	50000
13	4	107	kredit	2019-04-02 22:30:39	200000
14	3	105	debit	2019-04-02 22:30:39	40000
15	1	104	kredit	2019-04-02 22:30:39	100000
9	3	105	kredit	2019-04-02 22:30:39	50000
10	4	107	debit	2019-04-02 22:30:39	100000
11	2	103	debit	2019-04-02 22:30:39	100000
12	1	104	debit	2019-04-02 22:30:39	50000
13	4	107	kredit	2019-04-02 22:30:39	200000
14	3	105	debit	2019-04-02 22:30:39	40000
15	1	104	kredit	2019-04-02 22:30:39	100000
16	4	101	kredit	2019-04-02 22:30:39	20000
17	2	103	debit	2019-04-02 22:30:39	50000
18	5	102	debit	2019-04-02 22:30:39	50000
19	10	108	debit	2019-04-02 22:30:39	100000
20	3	106	kredit	2019-04-02 22:30:39	50000
21	2	103	kredit	2019-04-02 22:30:39	200000
22	3	105	kredit	2019-04-02 22:30:39	100000
23	5	102	debit	2019-04-02 22:30:39	20000
24	1	104	debit	2019-04-02 22:30:39	50000
25	2	103	debit	2019-04-02 22:30:39	40000
26	4	101	debit	2019-04-02 22:30:39	50000
27	2	103	kredit	2019-04-02 22:30:39	100000
28	5	102	kredit	2019-04-02 22:30:39	200000
29	7	109	debit	2019-04-02 22:30:39	100000
30	9	110	debit	2019-04-02 22:30:39	20000
31	11	105	debit	2019-04-02 23:48:16	40000
32	11	104	kredit	2019-04-02 23:48:16	100000
33	14	101	kredit	2019-04-02 23:48:16	20000
34	12	103	debit	2019-04-02 23:48:16	50000
35	15	102	debit	2019-04-02 23:48:16	50000
36	20	108	debit	2019-04-02 23:48:16	100000
37	13	106	kredit	2019-04-02 23:48:16	50000
38	12	103	kredit	2019-04-02 23:48:16	200000
39	13	105	kredit	2019-04-02 23:48:16	100000
40	15	102	debit	2019-04-02 23:48:16	20000
41	11	104	debit	2019-04-02 23:48:16	50000
42	12	103	debit	2019-04-02 23:48:16	40000
43	14	101	kredit	2019-04-02 23:48:16	50000
44	12	103	kredit	2019-04-02 23:48:16	100000
45	15	102	kredit	2019-04-02 23:48:16	200000
46	11	104	debit	2019-04-02 23:48:16	50000
47	12	103	debit	2019-04-02 23:48:16	40000
48	14	101	debit	2019-04-02 23:48:16	50000
49	17	109	debit	2019-04-02 23:48:16	100000
50	19	110	debit	2019-04-02 23:48:16	20000

```
50 rows in set (0.00 sec)
```

