

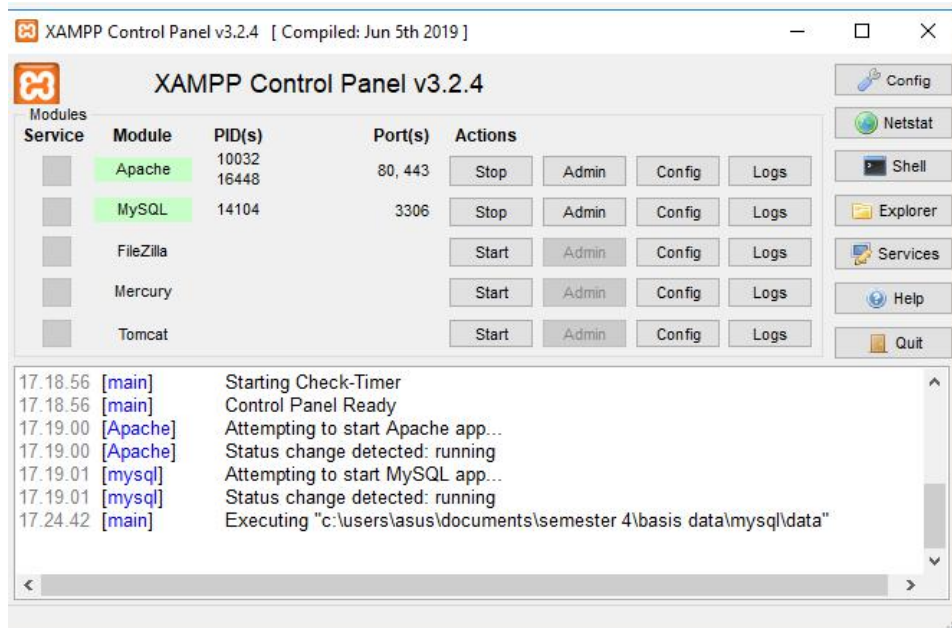
NAMA : ELSA PUTRI ALIYYA

NIM : L200180108

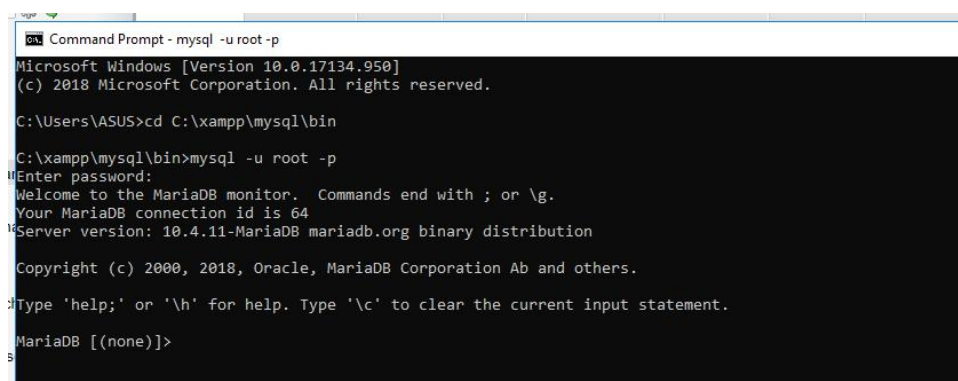
KELAS : D

MODUL 5

1. Jalankan XAMPP Control Panel.
2. Jalankan server Apache dan MySQL.



3. Buka Command Prompt dan login sebagai root ke MySQL seperti di langkah pada modul 1



4. Pilih database elsa dengan perintah “use elsa”. Sehingga akan muncul pemberitahuan “database changed”

```
Command Prompt - mysql -u root -p
Microsoft Windows [Version 10.0.17134.950]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\ASUS>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 64
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)]> use elsa
Database changed
MariaDB [elsa]>
```

5. Kemudian masukkan data-data berikut kedalam database elsa

- Tabel : 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
11	Joko Ndo Kondo	Jl. Bareng jadian kagak
12	Jon Koplo	Jl. Angin Besar 12
13	Anggit	Solo
1000	Sutopo	Jl. Jendral Sudirman
2000	Maryati	Jl. MT Haryono 31

- Tabel : cabang_bank

Server: 127.0.0.1 » Basis data: elsa » Tabel: cabang_bank

Jelajahi Struktur SQL Cari Tambahkan Ekspor Impor

✓ Menampilkan baris 0 - 5 (total 6, Pencarian dilakukan dalam 0,0009 detik.)

SELECT * FROM `cabang_bank`

☐ Tampilkan semua | Jumlah baris: 25 | Saring baris: Cari di tabel ini

+ Opsi

			kode_cabang	nama_cabang	alamat_cabang
<input type="checkbox"/>	Ubah	Salin	Hapus	BRUB	Bank Rut Unit Boyolali jl. Ahmad yani 45
<input type="checkbox"/>	Ubah	Salin	Hapus	BRUK	Bank Rut Unit Klaten jl. Suparman 23
<input type="checkbox"/>	Ubah	Salin	Hapus	BRUM	Bank Rut Unit Magelang jl. P.Tendean 63
<input type="checkbox"/>	Ubah	Salin	Hapus	BRUS	Bank Rut Unit Surakarta jl. Slamet Riyadi 18
<input type="checkbox"/>	Ubah	Salin	Hapus	BRUW	Bank Rut Unit Wonogiri jl. Untung Sutropati 12
<input type="checkbox"/>	Ubah	Salin	Hapus	BRUY	Bank Rut Unit Yogyakarta jl. Anggrek 21

- Tabel : rekening

Server: 127.0.0.1 » Basis data: elsa » Tabel: rekening

Jelajahi Struktur SQL Cari Tambahkan Ekspor Impor

☐ Tampilkan semua | Jumlah baris: 25 | Saring baris: Cari di tabel ini | Sort by key

+ Opsi

				no_rekening	kode_cabangFK	pin	saldo
<input type="checkbox"/>	Ubah	Salin	Hapus	101	BRUS	1111	500000
<input type="checkbox"/>	Ubah	Salin	Hapus	102	BRUS	2222	350000
<input type="checkbox"/>	Ubah	Salin	Hapus	103	BRUS	3333	750000
<input type="checkbox"/>	Ubah	Salin	Hapus	104	BRUM	4444	900000
<input type="checkbox"/>	Ubah	Salin	Hapus	105	BRUW	5555	200000
<input type="checkbox"/>	Ubah	Salin	Hapus	106	BRUS	6666	300000
<input type="checkbox"/>	Ubah	Salin	Hapus	107	BRUS	7777	100000
<input type="checkbox"/>	Ubah	Salin	Hapus	108	BRUB	0000	500000
<input type="checkbox"/>	Ubah	Salin	Hapus	109	BRUS	9999	0
<input type="checkbox"/>	Ubah	Salin	Hapus	110	BRUY	1234	550000
<input type="checkbox"/>	Ubah	Salin	Hapus	111	BRUK	4321	150000
<input type="checkbox"/>	Ubah	Salin	Hapus	112	BRUK	0123	300000
<input type="checkbox"/>	Ubah	Salin	Hapus	113	BRUY	8888	255000

↑ ☐ Pilih Semua Dengan pilihan: Ubah Salin Hapus Ekspor

- Tabel : nasabah_has_rekening

Server: 127.0.0.1 » Basis data: elsa » Tabel: nasabah_has_rekening

Jelajahi Struktur SQL Cari Tambahkan Ekspor Impor

☐ Tampilkan semua | Jumlah baris: 25 | Saring baris: Cari di tabel ini

+ Opsi

	id_nasabahFK	no_rekeningFK
<input type="checkbox"/> Ubah Salin Hapus	1	104
<input type="checkbox"/> Ubah Salin Hapus	2	103
<input type="checkbox"/> Ubah Salin Hapus	3	105
<input type="checkbox"/> Ubah Salin Hapus	3	106
<input type="checkbox"/> Ubah Salin Hapus	4	101
<input type="checkbox"/> Ubah Salin Hapus	4	107
<input type="checkbox"/> Ubah Salin Hapus	5	102
<input type="checkbox"/> Ubah Salin Hapus	5	107
<input type="checkbox"/> Ubah Salin Hapus	6	109
<input type="checkbox"/> Ubah Salin Hapus	7	111
<input type="checkbox"/> Ubah Salin Hapus	8	112
<input type="checkbox"/> Ubah Salin Hapus	9	110
<input type="checkbox"/> Ubah Salin Hapus	10	108
<input type="checkbox"/> Ubah Salin Hapus	10	113

☐ Pilih Semua Dengan pilihan: Ubah Salin Hapus Ekspor

- Tabel : transaksi

Server: 127.0.0.1 » Basis data: elsa » Tabel: transaksi

Jelajahi Struktur SQL Cari Tambahkan Ekspor Impor Hak Akses Operasi

	no_transaksi	id_nasabahFK	no_rekeningFK	jenis_transaksi	tanggal	jumlah
<input type="checkbox"/> Ubah Salin Hapus	32	3	105	debit	2009-11-10 00:00:00	50000
<input type="checkbox"/> Ubah Salin Hapus	33	2	103	debit	2009-11-10 00:00:00	40000
<input type="checkbox"/> Ubah Salin Hapus	34	4	101	kredit	2009-11-12 00:00:00	20000
<input type="checkbox"/> Ubah Salin Hapus	35	3	106	debit	2009-11-13 00:00:00	50000
<input type="checkbox"/> Ubah Salin Hapus	36	5	107	kredit	2009-11-13 00:00:00	30000
<input type="checkbox"/> Ubah Salin Hapus	37	1	104	kredit	2009-11-15 00:00:00	200000
<input type="checkbox"/> Ubah Salin Hapus	38	9	110	kredit	2009-11-15 00:00:00	150000
<input type="checkbox"/> Ubah Salin Hapus	39	5	102	debit	2009-11-16 00:00:00	20000
<input type="checkbox"/> Ubah Salin Hapus	40	3	105	kredit	2009-11-18 00:00:00	50000
<input type="checkbox"/> Ubah Salin Hapus	41	4	107	debit	2009-11-19 00:00:00	100000
<input type="checkbox"/> Ubah Salin Hapus	42	2	103	debit	2009-11-19 00:00:00	100000
<input type="checkbox"/> Ubah Salin Hapus	43	1	104	debit	2009-11-19 00:00:00	50000
<input type="checkbox"/> Ubah Salin Hapus	44	4	107	kredit	2009-11-20 00:00:00	200000
<input type="checkbox"/> Ubah Salin Hapus	45	3	105	debit	2009-11-21 00:00:00	40000
<input type="checkbox"/> Ubah Salin Hapus	46	1	104	kredit	2009-11-22 00:00:00	100000
<input type="checkbox"/> Ubah Salin Hapus	47	4	101	kredit	2009-11-22 00:00:00	20000
<input type="checkbox"/> Ubah Salin Hapus	48	2	103	debit	2009-11-22 00:00:00	50000
<input type="checkbox"/> Ubah Salin Hapus	49	5	102	debit	2009-11-25 00:00:00	50000
<input type="checkbox"/> Ubah Salin Hapus	50	10	108	debit	2009-11-26 00:00:00	100000
<input type="checkbox"/> Ubah Salin Hapus	51	3	106	kredit	2009-11-27 00:00:00	50000
<input type="checkbox"/> Ubah Salin Hapus	52	2	103	kredit	2009-11-28 00:00:00	200000

<input type="checkbox"/>				51	3	106	kredit	2009-11-27 00:00:00	50000
<input type="checkbox"/>				52	2	103	kredit	2009-11-28 00:00:00	200000
<input type="checkbox"/>				53	3	105	kredit	2009-11-28 00:00:00	100000
<input type="checkbox"/>				54	5	102	debit	2009-11-30 00:00:00	20000
<input type="checkbox"/>				55	1	104	debit	2009-12-01 00:00:00	50000
<input type="checkbox"/>				56	2	103	debit	2009-12-02 00:00:00	40000

☐ Pilih Semua Dengan pilihan: Ubah Salin Hapus Ekspor

6. Lakukan update untuk kasus-kasus berikut ini.

A. Nasabah dengan nama "Indri Hapsari" pindah alamat ke "Jalan Slamet Riyadi No.34".

```

Command Prompt - mysql -u root -p

MariaDB [(none)]> use elsa
Database changed
MariaDB [elsa]> update nasabah set alamat_nasabah = 'Jl. Slamet Riyadi 34' where nama_nasabah = 'Indri Hapsari';
Query OK, 1 row affected (0.071 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [elsa]> 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. Kantili 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 |
| 11 | Joko Ndo Kondo | Jl. Bareng jadian kagak |
| 12 | Jon Koplo | Jl. Angin Besar 12 |
| 13 | Anggit | Solo |
| 1000 | Sutopo | Jl. Jendral Sudirman |
| 2000 | Maryati | Jl. MT Haryono 31 |
+----+-----+-----+
15 rows in set (0.001 sec)

MariaDB [elsa]>

```


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

```

Command Prompt - mysql -u root -p

MariaDB [elsa]> 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. Superman 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 Sutropati 12 |
| BRUY       | Bank Rut Unit Yogyakarta | Jl. Anggrek 21    |
+-----+-----+-----+
6 rows in set (0.000 sec)

MariaDB [elsa]> update cabang_bank set alamat_cabang = 'Jl. A Yani 23' where kode_cabang = 'BRUW';
Query OK, 1 row affected (0.057 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [elsa]> 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. Superman 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 (0.001 sec)

```

7. Lakukan penghapusan untuk kasus-kasus berikut

A. Nasabah dengan id "7" menutup rekeningnya

```

Command Prompt - mysql -u root -p

MariaDB [elsa]> select * from nasabah;
+-----+-----+-----+
| id_nasabah | nama_nasabah | alamat_nasabah |
+-----+-----+-----+
| 1          | Sutopo       | Jl. Jendral Sudirman 12 |
| 2          | Haryati      | Jl. MT. Haryono 31      |
| 3          | Superman     | 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            |
| 11         | Joko Nido Kondo | Jl. Bareng Jadian kagak |
| 12         | Jon Koplo    | Angin Besar 12         |
| 13         | Anggit       | Solo                    |
| 1000       | Sutopo       | Jl. Jendral Sudirman    |
| 2000       | Haryati      | Jl. MT Haryono 31       |
+-----+-----+-----+
15 rows in set (0.001 sec)

MariaDB [elsa]> delete from nasabah where id_nasabah = 7;
Query OK, 1 row affected (0.100 sec)

MariaDB [elsa]> select * from nasabah;
+-----+-----+-----+
| id_nasabah | nama_nasabah | alamat_nasabah |
+-----+-----+-----+
| 1          | Sutopo       | Jl. Jendral Sudirman 12 |
| 2          | Haryati      | Jl. MT. Haryono 31      |
| 3          | Superman     | 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         | Joko Nido Kondo | Jl. Bareng Jadian kagak |
| 12         | Jon Koplo    | Angin Besar 12         |
| 13         | Anggit       | Solo                    |
| 1000       | Sutopo       | Jl. Jendral Sudirman    |
| 2000       | Haryati      | Jl. MT Haryono 31       |
+-----+-----+-----+
14 rows in set (0.001 sec)

```

B. Cabang dengan nama_cabang "Bank Rut Unit Magelang" menutup rekeningnya

```

Command Prompt - mysql -u root -p

MariaDB [elsa]> 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. Superman 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 [elsa]> delete from cabang_bank where nama_cabang = 'Bank Rut Unit Magelang';
Query OK, 1 row affected (0.701 sec)

MariaDB [elsa]> 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. Superman 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)

MariaDB [elsa]>

```

TUGAS

1. Record tabel nasabah

```
Command Prompt - mysql -u root -p
MariaDB [elsa]> insert into nasabah(id_nasabah,nama_nasabah,alamat_nasabah)values
-> (11,'Elsa Putri Aliyya','Jl. Jeruk 1'),
-> (12,'Berlian Vidia Puspa','Jl. Mawar 2'),
-> (13,'Ayudhia Isnafiani Fanada','Jl. Gagak 3'),
-> (14,'Nadya Ayu Widya','Jl. Sajak 4'),
-> (15,'Wulandari Ratna','Jl. Melati 5'),
-> (16,'Astrid Yuliana','Jl. Buaya 6'),
-> (17,'Wiwit Wijayanti','Jl. Anggur 7'),
-> (18,'Cahyanti Indah','Jl. Flamboyan 8'),
-> (19,'Isnaini Nurul','Jl. Ayam 9'),
-> (20,'Meylandi Alam','Jl. Bebek 10');
Query OK, 10 rows affected (0.063 sec)
Records: 10 Duplicates: 0 Warnings: 0

MariaDB [elsa]> 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. Ider 86 |
| 10 | Budi Murtono | Jl. Merak 22 |
| 11 | Elsa Putri Aliyya | Jl. Jeruk 1 |
| 12 | Berlian Vidia Puspa | Jl. Mawar 2 |
| 13 | Ayudhia Isnafiani Fanada | Jl. Gagak 3 |
| 14 | Nadya Ayu Widya | Jl. Sajak 4 |
| 15 | Wulandari Ratna | Jl. Melati 5 |
| 16 | Astrid Yuliana | Jl. Buaya 6 |
| 17 | Wiwit Wijayanti | Jl. Anggur 7 |
| 18 | Cahyanti Indah | Jl. Flamboyan 8 |
| 19 | Isnaini Nurul | Jl. Ayam 9 |
| 20 | Meylandi Alam | Jl. Bebek 10 |
| 1000 | Sutopo | Jl. Jendral Sudirman |
| 2000 | Maryati | Jl. MT Haryono 31 |
+-----+-----+-----+
21 rows in set (0.001 sec)

MariaDB [elsa]>
```

2. Record tabel cabang_bank

```
Command Prompt - mysql -u root -p
MariaDB [elsa]> insert into cabang_bank(kode_cabang,nama_cabang,alamat_cabang)values
-> ('BRUD','Bank Rut Unit Ngentak','Jl.Adi Sucipto 220'),
-> ('BRUP','Bank Rut Unit Ngombol','Jl.Kebayoran 330'),
-> ('BRUF','Bank Rut Unit Tempel','Jl. Adisumarmo 440'),
-> ('BRUG','Bank Rut Unit Klaten','Jl.Sawah 550'),
-> ('BRUH','Bank Rut Unit Jetak','Jl.Indonesia 660'),
-> ('BRUJ','Bank Rut Unit Gawok','Jl.Kenangan 770'),
-> ('BRUC','Bank Rut Unit Gatak','Jl.Rindu 880'),
-> ('BRUT','Bank Rut Unit Tolok','Jl.Ldr 990'),
-> ('BRUX','Bank Rut Unit Ngrawok','Jl.HiyaHiya 100'),
-> ('BRUZ','Bank Rut Unit Jetis','Jl.Nin Aja Dulu 110');
Query OK, 10 rows affected (0.055 sec)
Records: 10 Duplicates: 0 Warnings: 0

MariaDB [elsa]> select * from cabang_bank;
+-----+-----+-----+
| kode_cabang | nama_cabang | alamat_cabang |
+-----+-----+-----+
| BRUB | Bank Rut Unit Boyolali | Jl. Ahmad Yani 45 |
| BRUC | Bank Rut Unit Gatak | Jl.Rindu 880 |
| BRUD | Bank Rut Unit Ngentak | Jl.Adi Sucipto 220 |
| BRUF | Bank Rut Unit Tempel | Jl. Adisumarmo 440 |
| BRUG | Bank Rut Unit Klaten | Jl.Sawah 550 |
| BRUH | Bank Rut Unit Jetak | Jl.Indonesia 660 |
| BRUJ | Bank Rut Unit Gawok | Jl.Kenangan 770 |
| BRUK | Bank Rut Unit Klaten | Jl. Suparman 23 |
| BRUP | Bank Rut Unit Ngombol | Jl.Kebayoran 330 |
| BRUS | Bank Rut Unit Surakarta | Jl. Slamet Riyadi 18 |
| BRUT | Bank Rut Unit Tolok | Jl.Ldr 990 |
| BRUW | Bank Rut Unit Wonogiri | Jl. A Yani 23 |
| BRUX | Bank Rut Unit Ngrawok | Jl.HiyaHiya 100 |
| BRUY | Bank Rut Unit Yogyakarta | Jl. Angrek 21 |
| BRUZ | Bank Rut Unit Jetis | Jl.Nin Aja Dulu 110 |
+-----+-----+-----+
15 rows in set (0.000 sec)

MariaDB [elsa]>
```

3. Record tabel rekening

```
Command Prompt - mysql -u root -p
MariaDB [elsa]> insert into rekening(no_rekening,kode_cabangFK,pin,saldo)values
-> (114,'BRUM',1122,100000),
-> (115,'BRUM',3344,200000),
-> (116,'BRUB',5566,300000),
-> (117,'BRUV',7788,400000),
-> (118,'BRUC',8899,500000),
-> (119,'BRUX',1100,600000),
-> (120,'BRUZ',1199,700000),
-> (121,'BRUL',1188,800000),
-> (122,'BRUJ',1177,900000),
-> (123,'BRUO',1166,1000000);
Query OK, 10 rows affected (0.064 sec)
Records: 10 Duplicates: 0 Warnings: 0

MariaDB [elsa]> 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 | 200000 |
| 106 | BRUS | 6666 | 300000 |
| 107 | BRUS | 7777 | 100000 |
| 108 | BRUB | 0000 | 500000 |
| 109 | BRUS | 9999 | 0 |
| 110 | BRUY | 1234 | 550000 |
| 111 | BRUK | 4321 | 150000 |
| 112 | BRUK | 0123 | 300000 |
| 113 | BRUY | 8888 | 255000 |
| 114 | BRUM | 1122 | 100000 |
| 115 | BRUN | 3344 | 200000 |
| 116 | BRUB | 5566 | 300000 |
| 117 | BRUV | 7788 | 400000 |
| 118 | BRUC | 8899 | 500000 |
| 119 | BRUX | 1100 | 600000 |
| 120 | BRUZ | 1199 | 700000 |
| 121 | BRUL | 1188 | 800000 |
| 122 | BRUJ | 1177 | 900000 |
| 123 | BRUO | 1166 | 1000000 |
+-----+-----+-----+-----+
23 rows in set (0.001 sec)
```

4. Record tabel nasabah_has_rekening

```
Command Prompt - mysql -u root -p
MariaDB [elsa]> insert into nasabah_has_rekening(id_nasabahFK,no_rekeningFK)value
-> (11,114),(12,115),
-> (13,116),(14,117),
-> (15,118),(16,119),
-> (17,120),(18,121),
-> (19,122),(20,123);
Query OK, 10 rows affected (0.143 sec)
Records: 10 Duplicates: 0 Warnings: 0

MariaDB [elsa]> 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 | 111 |
| 8 | 112 |
| 9 | 110 |
| 10 | 108 |
| 10 | 113 |
| 11 | 114 |
| 12 | 115 |
| 13 | 116 |
| 14 | 117 |
| 15 | 118 |
| 16 | 119 |
| 17 | 120 |
| 18 | 121 |
| 19 | 122 |
| 20 | 123 |
+-----+-----+
24 rows in set (0.000 sec)

MariaDB [elsa]>
```


5. Record tabel transaksi

```
Command Prompt - mysql -u root -p
MariaDB [elsa]> insert into transaksi(no_transaksi, no_rekeningFK, id_nasabahFK, jenis_transaksi, tanggal, jumlah)values
-> (NULL, 105, 3, 'debit', DEFAULT, 40000), (NULL, 106, 3, 'kredit', DEFAULT, 400000),
-> (NULL, 103, 2, 'debit', DEFAULT, 50000), (NULL, 104, 1, 'kredit', DEFAULT, 500000),
-> (NULL, 107, 4, 'debit', DEFAULT, 60000), (NULL, 101, 4, 'kredit', DEFAULT, 600000),
-> (NULL, 107, 5, 'debit', DEFAULT, 70000), (NULL, 102, 5, 'kredit', DEFAULT, 700000),
-> (NULL, 105, 3, 'debit', DEFAULT, 40000), (NULL, 106, 3, 'kredit', DEFAULT, 400000),
-> (NULL, 122, 19, 'debit', DEFAULT, 80000), (NULL, 123, 20, 'kredit', DEFAULT, 800000),
-> (NULL, 120, 17, 'debit', DEFAULT, 90000), (NULL, 121, 18, 'kredit', DEFAULT, 900000),
-> (NULL, 116, 13, 'debit', DEFAULT, 40000), (NULL, 120, 17, 'kredit', DEFAULT, 400000),
-> (NULL, 105, 3, 'debit', DEFAULT, 40000), (NULL, 106, 3, 'kredit', DEFAULT, 400000),
-> (NULL, 107, 5, 'debit', DEFAULT, 70000), (NULL, 102, 5, 'kredit', DEFAULT, 700000);
Query OK, 20 rows affected (0.183 sec)
Records: 20 Duplicates: 0 Warnings: 0

MariaDB [elsa]> select *from transaksi;
+-----+-----+-----+-----+-----+-----+
| no_transaksi | id_nasabahFK | no_rekeningFK | jenis_transaksi | tanggal | jumlah |
+-----+-----+-----+-----+-----+-----+
| 32 | 3 | 105 | debit | 2009-11-10 00:00:00 | 50000 |
| 33 | 2 | 103 | debit | 2009-11-10 00:00:00 | 40000 |
| 34 | 4 | 101 | kredit | 2009-11-12 00:00:00 | 20000 |
| 35 | 3 | 106 | debit | 2009-11-13 00:00:00 | 50000 |
| 36 | 5 | 107 | kredit | 2009-11-13 00:00:00 | 30000 |
| 37 | 1 | 104 | kredit | 2009-11-15 00:00:00 | 200000 |
| 38 | 9 | 110 | kredit | 2009-11-15 00:00:00 | 150000 |
| 39 | 5 | 102 | debit | 2009-11-16 00:00:00 | 20000 |
| 40 | 3 | 105 | kredit | 2009-11-18 00:00:00 | 50000 |
| 41 | 4 | 107 | debit | 2009-11-19 00:00:00 | 100000 |
| 42 | 2 | 103 | debit | 2009-11-19 00:00:00 | 100000 |
| 43 | 1 | 104 | debit | 2009-11-19 00:00:00 | 50000 |
| 44 | 4 | 107 | kredit | 2009-11-20 00:00:00 | 200000 |
| 45 | 3 | 105 | debit | 2009-11-21 00:00:00 | 40000 |
| 46 | 1 | 104 | kredit | 2009-11-22 00:00:00 | 100000 |
| 47 | 4 | 101 | kredit | 2009-11-22 00:00:00 | 20000 |
| 48 | 2 | 103 | debit | 2009-11-22 00:00:00 | 50000 |
| 49 | 5 | 102 | debit | 2009-11-25 00:00:00 | 50000 |
| 50 | 10 | 108 | debit | 2009-11-26 00:00:00 | 100000 |
| 51 | 3 | 106 | kredit | 2009-11-27 00:00:00 | 50000 |
| 52 | 2 | 103 | kredit | 2009-11-28 00:00:00 | 200000 |
| 53 | 3 | 105 | kredit | 2009-11-28 00:00:00 | 100000 |
| 54 | 5 | 102 | debit | 2009-11-30 00:00:00 | 20000 |
| 55 | 1 | 104 | debit | 2009-12-01 00:00:00 | 50000 |
| 56 | 2 | 103 | debit | 2009-12-02 00:00:00 | 40000 |
| 57 | 4 | 101 | debit | 2009-12-04 00:00:00 | 50000 |
```

```
Command Prompt - mysql -u root -p
58 | 2 | 103 | kredit | 2009-12-05 00:00:00 | 100000 |
59 | 5 | 102 | kredit | 2009-12-05 00:00:00 | 200000 |
60 | 7 | 109 | debit | 2009-12-05 00:00:00 | 100000 |
61 | 9 | 110 | debit | 2009-12-06 00:00:00 | 20000 |
62 | 19 | 110 | kredit | 2017-05-24 00:00:00 | 50000 |
68 | 10 | 111 | kredit | 2017-05-24 00:00:00 | 250000 |
69 | 6 | 106 | debit | 2017-05-24 00:00:00 | 125000 |
70 | 7 | 103 | kredit | 2017-05-24 00:00:00 | 130000 |
72 | 8 | 101 | kredit | 2017-05-24 00:00:00 | 357000 |
73 | 2 | 110 | debit | 2017-05-24 00:00:00 | 547000 |
76 | 5 | 110 | debit | 2017-05-24 00:00:00 | 26000 |
77 | 19 | 110 | kredit | 2017-05-24 00:00:00 | 50000 |
78 | 19 | 110 | kredit | 2017-05-24 00:00:00 | 50000 |
79 | 12 | 101 | debit | 2017-05-26 00:00:00 | 9700000 |
80 | 12 | 101 | debit | 2017-05-26 00:00:00 | 8500000 |
81 | 1 | 111 | kredit | 2017-05-26 00:00:00 | 520000 |
85 | 13 | 109 | debit | 2017-05-26 00:00:00 | 700000 |
86 | 19 | 110 | kredit | 2017-05-30 00:00:00 | 50000 |
87 | 19 | 110 | kredit | 2017-06-06 00:00:00 | 50000 |
88 | 10 | 110 | kredit | 2017-06-06 00:00:00 | 50000 |
89 | 13 | 109 | debit | 2017-06-08 00:00:00 | 700000 |
90 | 13 | 109 | debit | 2017-06-08 00:00:00 | 700000 |
91 | 13 | 109 | debit | 2017-06-08 00:00:00 | 700000 |
92 | 5 | 103 | debit | 2017-06-14 00:00:00 | 263000 |
93 | 3 | 105 | debit | 2020-03-24 22:06:54 | 40000 |
94 | 3 | 106 | kredit | 2020-03-24 22:06:54 | 400000 |
95 | 2 | 103 | debit | 2020-03-24 22:06:54 | 50000 |
96 | 1 | 104 | kredit | 2020-03-24 22:06:54 | 500000 |
97 | 4 | 107 | debit | 2020-03-24 22:06:54 | 60000 |
98 | 4 | 101 | kredit | 2020-03-24 22:06:54 | 600000 |
99 | 5 | 107 | debit | 2020-03-24 22:06:54 | 70000 |
100 | 5 | 102 | kredit | 2020-03-24 22:06:54 | 700000 |
101 | 3 | 105 | debit | 2020-03-24 22:06:54 | 40000 |
102 | 3 | 106 | kredit | 2020-03-24 22:06:54 | 400000 |
103 | 19 | 122 | debit | 2020-03-24 22:06:54 | 80000 |
104 | 20 | 123 | kredit | 2020-03-24 22:06:54 | 800000 |
105 | 17 | 120 | debit | 2020-03-24 22:06:54 | 90000 |
106 | 18 | 121 | kredit | 2020-03-24 22:06:54 | 900000 |
107 | 13 | 116 | debit | 2020-03-24 22:06:54 | 40000 |
108 | 17 | 120 | kredit | 2020-03-24 22:06:54 | 400000 |
109 | 3 | 105 | debit | 2020-03-24 22:06:54 | 40000 |
110 | 3 | 106 | kredit | 2020-03-24 22:06:54 | 400000 |
111 | 5 | 107 | debit | 2020-03-24 22:06:54 | 70000 |
112 | 5 | 102 | kredit | 2020-03-24 22:06:54 | 700000 |
```