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Kelas : D

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



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

```
Command Prompt - mysql -u root -p
Microsoft Windows [Version 10.0.17134.648]
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C:\Users\Asus>cd ..
C:\Users>cd ..
C:\>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 4
Server version: 10.1.38-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)]>
```

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

```
Command Prompt - mysql -u root -p
Microsoft Windows [Version 10.0.17134.648]
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C:\Users\Asus>cd ..
C:\Users>cd ..
C:\>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 4
Server version: 10.1.38-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 perbankan;
Database changed
MariaDB [perbankan]>
```


- Kemudian masukkan data-data ke dalam database perbankan.

Tabel : nasabah

```

MariaDB [perbankan]> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES (1, 'Sutopo', 'Jl. Jendral Sud
> (2, 'Muryati', 'Jl. MT. Haryono 31'),
> (3, 'Superman', 'Jl. Hasanudin 81'),
-> (4, 'Kartika Padmasari', 'Jl. Manggla 15'),
-> (5, 'Rudi Eko Prayogo', 'Jl. Kantil 30'),
-> (6, 'Sahra Eka Jaya', 'Jl. Slamet Riyadi 45'),
-> (7, 'Indri Hapsari', 'Jl. Sutopo 5'),
-> (8, 'Sari Nurli', 'Jl. Pangandaran 11'),
-> (9, 'Canka Lukmanita', 'Jl. Tidar 88'),
> (10, 'Budi Murtono', 'Jl. Merak 22');
ERROR 1062 (23000): Duplicate entry '1' for key 'PRIMARY'
MariaDB [perbankan]> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES (3, 'Superman', 'Jl. Hasanudi
> (4, 'Kartika Padmasari', 'Jl. Manggla 15'),
> (5, 'Rudi Eko Prayogo', 'Jl. Kantil 30'),
-> (6, 'Sahra Eka Jaya', 'Jl. Slamet Riyadi 45'),
-> (7, 'Indri Hapsari', 'Jl. Sutopo 5'),
-> (8, 'Sari Nurli', 'Jl. Pangandaran 11'),
-> (9, 'Canka Lukmanita', 'Jl. Tidar 88'),
-> (10, 'Budi Murtono', 'Jl. Merak 22');
Query OK, 0 rows affected (0.00 sec)
Records: 8 Duplicates: 0 Warnings: 0

```

	id_nasabah	nama_nasabah	alamat_nasabah
Ubah Salin Hapus	1	Sutopo	Jl. Jendral Sudirman 12
Ubah Salin Hapus	2	Muryati	Jl. MT. Haryono 31
Ubah Salin Hapus	3	Superman	Jl. Hasanudin 81
Ubah Salin Hapus	4	Kartika Padmasari	Jl. Manggla 15
Ubah Salin Hapus	5	Rudi Eko Prayogo	Jl. Kantil 30
Ubah Salin Hapus	6	Sahra Eka Jaya	Jl. Slamet Riyadi 45
Ubah Salin Hapus	7	Indri Hapsari	Jl. Sutopo 5
Ubah Salin Hapus	8	Sari Nurli	Jl. Pangandaran 11
Ubah Salin Hapus	9	Canka Lukmanita	Jl. Tidar 88
Ubah Salin Hapus	10	Budi Murtono	Jl. Merak 22

Tabel : cabang_bank

```

MariaDB [perbankan]> INSERT INTO cabang_bank(kode_cabang, nama_cabang, alamat_cabang) VALUES ('BRU1', 'Bank Rut Unit Sukowati', 'Jl. Slamet Riyadi 1')
> ('BRU2', 'Bank Rut Unit Magelang', 'Jl. P. Tondok 63'),
> ('BRU3', 'Bank Rut Unit Boyolali', 'Jl. Ahmad Yani 45'),
-> ('BRU4', 'Bank Rut Unit Klaten', 'Jl. Suparman 21'),
-> ('BRU5', 'Bank Rut Unit Yogyakarta', 'Jl. Anggrak 21'),
> ('BRU6', 'Bank Rut Unit Wonogiri', 'Jl. Untung Surapati 12');
Query OK, 6 rows affected (0.00 sec)
Records: 6 Duplicates: 0 Warnings: 0

```

	kode_cabang	nama_cabang	alamat_cabang
Ubah Salin Hapus	BRU1H	Bank Rut Unit Sukowati	Jl. Ahmad Yani 45
Ubah Salin Hapus	BRU1K	Bank Rut Unit Klaten	Jl. Suparman 21
Ubah Salin Hapus	BRU1M	Bank Rut Unit Magelang	Jl. P. Tondok 63
Ubah Salin Hapus	BRU1N	Bank Rut Unit Sukowati	Jl. Slamet Riyadi 1
Ubah Salin Hapus	BRU1W	Bank Rut Unit Wonogiri	Jl. Untung Surapati 12
Ubah Salin Hapus	BRU1Y	Bank Rut Unit Yogyakarta	Jl. Anggrak 21

Tabel : rekening

```

MariaDB [perbankan]> INSERT INTO rekening(no_rekening, kode_cabangFK, pin, saldo) VALUES (101, 'BRUS', 1111, 500000);
-> (102, 'BRUS', 2222, 300000);
-> (103, 'BRUS', 3333, 750000);
-> (104, 'BRUM', 4444, 200000);
-> (105, 'BRUM', 5555, 200000);
-> (106, 'BRUS', 6666, 300000);
-> (107, 'BRUS', 7777, 100000);
-> (108, 'BRUB', 8888, 500000);
-> (109, 'BRUB', 9999, 0);
-> (110, 'BRUY', 1214, 124000);
-> (111, 'BRUK', 4321, 150000);
-> (112, 'BRUK', 1212, 300000);
-> (113, 'BRUY', 8888, 255000);
Query OK, 13 rows affected (0.75 sec)
Records: 13 Duplicates: 0 Warnings: 0

MariaDB [perbankan]> describe rekening;

```



	no_rekening	kode_cabangFK	pin	saldo
Ubah Salin Hapus	101	BRUS	1111	500000
Ubah Salin Hapus	102	BRUS	2222	300000
Ubah Salin Hapus	103	BRUS	3333	750000
Ubah Salin Hapus	104	BRUM	4444	200000
Ubah Salin Hapus	105	BRUM	5555	200000
Ubah Salin Hapus	106	BRUS	6666	300000
Ubah Salin Hapus	107	BRUS	7777	100000
Ubah Salin Hapus	108	BRUB	8888	500000
Ubah Salin Hapus	109	BRUB	9999	0
Ubah Salin Hapus	110	BRUY	1214	124000
Ubah Salin Hapus	111	BRUK	4321	150000
Ubah Salin Hapus	112	BRUK	1212	300000
Ubah Salin Hapus	113	BRUY	8888	255000

Tabel : nasabah_has_rekening

```

MariaDB [perbankan]> INSERT INTO nasabah_has_rekening(id_nasabahFK, no_rekeningFK) VALUES (1, 104),
-> (2, 103),
-> (3, 105),
-> (3, 106),
-> (4, 101),
-> (4, 102),
-> (5, 102),
-> (5, 107),
-> (6, 103),
-> (7, 103),
-> (8, 111),
-> (9, 110),
-> (10, 113),
-> (0, 112),
-> (10, 108);
Query OK, 15 rows affected (0.01 sec)
Records: 15 Duplicates: 0 Warnings: 0

MariaDB [perbankan]>

```


6. Lakukan update untuk kasus-kasus berikut ini :
 - a. Nasabah dengan nama “Indri Hapsari” pindah alamat ke “Jalan Slamet Riyadi No.34”.

```

MariaDB [perbankan]> UPDATE nasabah
-> SET alamat_nasabah = 'Jl. Slamet Riyadi 34'
-> WHERE nama_nasabah = 'Indri Hapsari';
Query OK, 1 row affected (0.08 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [perbankan]>

```

	id_nasabah	nama_nasabah	alamat_nasabah
Ubah	1	Rutapa	Jl. Indral Rudiman 12
Ubah	2	Maryadi	Jl. Mh. Haryono 21
Ubah	3	Superman	Jl. Hassanudin 81
Ubah	4	Kamilia Padmasari	Jl. Manggis 14
Ubah	5	Duci Eko Prayogo	Jl. Kanti 30
Ubah	6	Nahla Fikriasya	Jl. Slamet Riyadi 45
Ubah	7	Indri Hapsari	Jl. Slamet Riyadi 34
Ubah	8	Nani Nani	Jl. Pangkajenean 11
Ubah	9	Concha Lukmanita	Jl. Tidar 88
Ubah	10	Hadi Martono	Jl. Merak 29

- b. Cabang dengan kode “BRUW” pindah ke alamat “Jalan A. Yani NO.23”.

```

MariaDB [perbankan]> UPDATE cabang_bank
-> SET alamat_cabang = 'Jl. A. Yani 23'
-> WHERE kode_cabang = 'BRUW';
Query OK, 1 row affected (0.06 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [perbankan]>

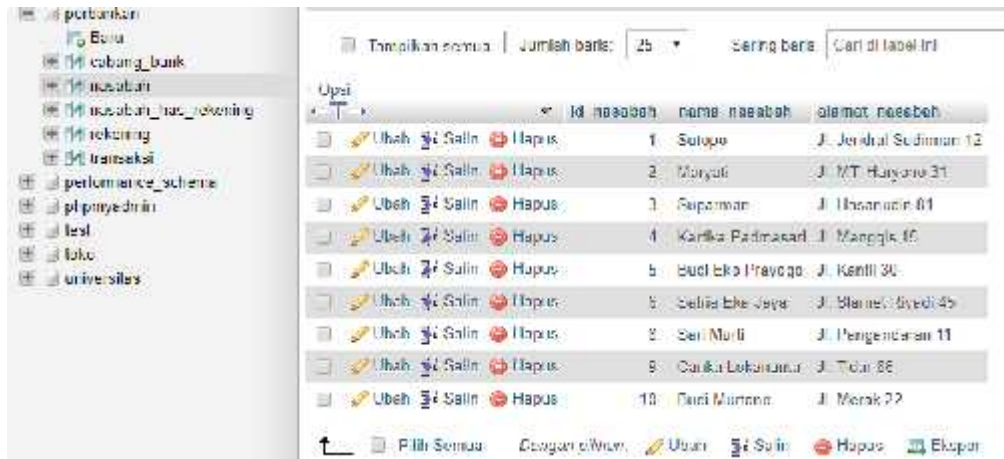
```

	kode_cabang	nama_cabang	alamat_cabang
Ubah	BRUB	Bank Rut Utir Boyolali	Jl. Ahmed Yani 45
Ubah	BRUK	Bank Rut Utir Klaten	Jl. Superman 23
Ubah	BRIM	Bank Rut Utir Magelang	Jl. P. Tondan 63
Ubah	BRIS	Bank Rut Utir Surakarta	Jl. Slamet Riyadi
Ubah	BRIW	Bank Rut Utir Wonogiri	Jl. A. Yani 23
Ubah	BRUY	Bank Rut Utir Yogyakarta	Jl. Angrek 21

7. Lakukan penghapusan untuk kasus-kasus berikut :
 - a. Nasabah dengan id “7” menutup rekeningnya.

```
MariaDB [perbankan]> DELETE FROM nasabah
-> WHERE id_nasabah = 7;
Query OK, 1 row affected (0.10 sec)
```

```
MariaDB [perbankan]> _
```



id_nasabah	nama_nasabah	alamat_nasabah
1	Sutopo	Jl. Jendral Sudirman 12
2	Maryati	Jl. MT Haryono 31
3	Rapman	Jl. Irianudin 81
4	Kartika Padmasari	Jl. Mangga 15
5	Budi Eko Prayogo	Jl. Kentil 30
6	Selisa Eke Jaya	Jl. Blana Givedi 45
8	Seri Murli	Jl. Pengenduran 11
9	Carika Lukmanur	Jl. Tidar 88
10	Dani Munira	Jl. Merak 22

- b. Cabang dengan nama_cabang “Bank Rut Unit Magelang” menutup kantornya.

```
MariaDB [perbankan]> DELETE FROM cabang_bank
-> WHERE nama_cabang = 'Bank Rut Unit Magelang';
Query OK, 1 row affected (0.10 sec)
```

```
MariaDB [perbankan]> _
```



kode_cabang	nama_cabang	alamat_cabang
BR.IN	Bank Rut Unit Boyolali	Jl. Ahmad Yani 45
BR.IK	Bank Rut Unit Klung	Jl. Suparman 23
BR.IS	Bank Rut Unit Sukoharjo	Jl. Slamet Riyadi
BR.IV	Bank Rut Unit Wonorejo	Jl. A. Yani 23
BR.IY	Bank Rut Unit Yogyakarta	Jl. Anggrek 25

TUGAS

Masukkan beberapa record ke setiap tabel dalam database yang telah di buat pada modul 4 (masing-masing 10record untuk tabel master, dan 20 record untuk tabel transaksi:

1. Tabel : nasabah

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> INSERT INTO nasabah(id_nasabah, nama_nasabah, alamat_nasabah) VALUES ('11', 'Intan Larasati', 'Jl. Melina 20'),
-> ('12', 'Pallistya Mesty', 'Jl. Elanah 30'),
-> ('13', 'Sri Hajlati', 'Jl. Rambutan 11'),
-> ('14', 'Fitri Cahya', 'Jl. Mangga 28'),
-> ('15', 'Bangkit Arfandio', 'Jl. Garuda 15'),
-> ('16', 'Asha Jordana', 'Jl. Manggis 1'),
-> ('17', 'Syafidul Mahmud', 'Jl. Belibis 58'),
-> ('18', 'Maulana Aska', 'Jl. Elang 24'),
-> ('19', 'Clavaria Devinci', 'Jl. Manggis 18'),
-> ('20', 'Hayalia Devava', 'Jl. Dara 25');
Query OK, 10 rows affected (0.08 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 | Superman | Jl. Hasanudin 61 |
| 4 | Kartika Purnasari | Jl. Manggis 13 |
| 5 | Budi Eko Prayogo | Jl. Kantil 38 |
| 6 | Setrisa Eka Jaya | Jl. Slamet Riyadi 45 |
| 7 | Sari Purni | Jl. Pangandaran 11 |
| 8 | Candra Lukmanita | Jl. Tidar 88 |
| 9 | Budi Hartono | Jl. Perak 22 |
| 10 | Intan Larasati | Jl. Melina 20 |
| 11 | Pallistya Mesty | Jl. Elanah 30 |
| 12 | Sri Hajlati | Jl. Rambutan 11 |
| 13 | Fitri Cahya | Jl. Mangga 28 |
| 14 | Bangkit Arfandio | Jl. Garuda 15 |
| 15 | Asha Jordana | Jl. Manggis 1 |
| 16 | Syafidul Mahmud | Jl. Belibis 58 |
| 17 | Maulana Aska | Jl. Elang 24 |
| 18 | Clavaria Devinci | Jl. Manggis 18 |
| 19 | Hayalia Devava | Jl. Dara 25 |
+-----+-----+-----+
19 rows in set (0.08 sec)

MariaDB [perbankan]>
```

2. Tabel cabang_bank

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> INSERT INTO cabang_bank(kode_cabang, nama_cabang, alamat_cabang) VALUES ('BRUA', 'Bank Rut Unit Salatiga', 'Jl. Dahlia 11'),
-> ('BRUA', 'Bank Rut Unit Karanganyar', 'Jl. Melati 11'),
-> ('BRUT', 'Bank Rut Unit Jakarta', 'Jl. Mawar 1'),
-> ('BRUG', 'Bank Rut Unit Gorontalo', 'Jl. Apel 28'),
-> ('BRUP', 'Bank Rut Unit Padang', 'Jl. Anggur 15'),
-> ('BRUD', 'Bank Rut Unit Depok', 'Jl. Mangga 28'),
-> ('BRUA', 'Bank Rut Unit Aceh', 'Jl. Kelengkang 13'),
-> ('BRUT', 'Bank Rut Unit Tangerang', 'Jl. Pisang 16'),
-> ('BRUA', 'Bank Rut Unit Cimahi', 'Jl. Manggis 23'),
-> ('BRUA', 'Bank Rut Unit Lombok', 'Jl. Jeruk 23');
Query OK, 10 rows affected (0.08 sec)
Records: 10 Duplicates: 0 Warnings: 0

MariaDB [perbankan]> select * from cabang_bank;
+-----+-----+-----+
| kode_cabang | nama_cabang | alamat_cabang |
+-----+-----+-----+
| BRUA | Bank Rut Unit Aceh | Jl. Kelengkang 13 |
| BRUD | Bank Rut Unit Depok | Jl. Ahmad Yani 45 |
| BRUG | Bank Rut Unit Gorontalo | Jl. Manggis 21 |
| BRUD | Bank Rut Unit Depok | Jl. Manggis 28 |
| BRUG | Bank Rut Unit Gorontalo | Jl. Apel 28 |
| BRUT | Bank Rut Unit Jakarta | Jl. Mawar 1 |
| BRUC | Bank Rut Unit Cikarang | Jl. Superman 23 |
| BRUA | Bank Rut Unit Karanganyar | Jl. Melati 13 |
| BRUL | Bank Rut Unit Lombok | Jl. Jeruk 23 |
| BRUP | Bank Rut Unit Padang | Jl. Anggur 15 |
| BRUS | Bank Rut Unit Surakarta | Jl. Slamet Riyadi |
| BRUS | Bank Rut Unit Salatiga | Jl. Dahlia 11 |
| BRUT | Bank Rut Unit Tangerang | Jl. Pisang 16 |
| BRUA | Bank Rut Unit Cimahi | Jl. A. Yani 23 |
| BRUV | Bank Rut Unit Yogyakarta | Jl. Anggrek 21 |
+-----+-----+-----+
15 rows in set (0.08 sec)

MariaDB [perbankan]>
```


3. Tabel rekening

```
Microsoft Windows [Version: 6.0.6002.18005]
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C:\Users\user>mysql -u root -p
mysql> use bank;
mysql> insert into rekening(no_rekening, kode_cabangFK, pin, saldo) values(114, 'BRUG', 8788, 100000);
mysql> insert into rekening(no_rekening, kode_cabangFK, pin, saldo) values(115, 'BRUG', 8788, 100000);
mysql> insert into rekening(no_rekening, kode_cabangFK, pin, saldo) values(116, 'BRUG', 4567, 150000);
mysql> insert into rekening(no_rekening, kode_cabangFK, pin, saldo) values(117, 'BRUG', 7854, 150000);
mysql> insert into rekening(no_rekening, kode_cabangFK, pin, saldo) values(118, 'BRUG', 5678, 5000000);
mysql> insert into rekening(no_rekening, kode_cabangFK, pin, saldo) values(119, 'BRUG', 8765, 2000000);
mysql> insert into rekening(no_rekening, kode_cabangFK, pin, saldo) values(120, 'BRUG', 3456, 2500000);
mysql> insert into rekening(no_rekening, kode_cabangFK, pin, saldo) values(121, 'BRUG', 6543, 1500000);
mysql> insert into rekening(no_rekening, kode_cabangFK, pin, saldo) values(122, 'BRUG', 2345, 500000);
mysql> insert into rekening(no_rekening, kode_cabangFK, pin, saldo) values(123, 'BRUG', 5432, 1000000);
mysql> select * from rekening;
+-----+-----+-----+-----+
| no_rekening | kode_cabangFK | pin | saldo |
+-----+-----+-----+-----+
| 101 | BRUG | 1111 | 500000 |
| 102 | BRUG | 2222 | 250000 |
| 103 | BRUG | 3333 | 750000 |
| 104 | BRUG | 4444 | 900000 |
| 105 | BRUG | 5555 | 2000000 |
| 106 | BRUG | 6666 | 3000000 |
| 107 | BRUG | 7777 | 1000000 |
| 108 | BRUG | 8888 | 0 |
| 109 | BRUG | 9999 | 0 |
| 110 | BRUG | 1234 | 150000 |
| 111 | BRUG | 4321 | 150000 |
| 112 | BRUG | 123 | 500000 |
| 113 | BRUG | 8888 | 155000 |
| 114 | BRUG | 5789 | 100000 |
| 115 | BRUG | 9876 | 250000 |
| 116 | BRUG | 4567 | 150000 |
| 117 | BRUG | 7654 | 150000 |
| 118 | BRUG | 5678 | 5000000 |
| 119 | BRUG | 8765 | 2000000 |
| 120 | BRUG | 3456 | 2500000 |
| 121 | BRUG | 6543 | 1500000 |
| 122 | BRUG | 2345 | 500000 |
| 123 | BRUG | 5432 | 1000000 |
+-----+-----+-----+-----+
23 rows in set (0.00 sec)
```

4. Tabel nasabah_has_rekening

```
Microsoft Windows [Version: 6.0.6002.18005]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\user>mysql -u root -p
mysql> use bank;
mysql> insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK) values(1, 101);
mysql> insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK) values(1, 102);
mysql> insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK) values(1, 103);
mysql> insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK) values(1, 104);
mysql> insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK) values(1, 105);
mysql> insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK) values(1, 106);
mysql> insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK) values(1, 107);
mysql> insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK) values(1, 108);
mysql> insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK) values(1, 109);
mysql> insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK) values(1, 110);
mysql> insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK) values(1, 111);
mysql> insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK) values(1, 112);
mysql> insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK) values(1, 113);
mysql> insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK) values(1, 114);
mysql> insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK) values(1, 115);
mysql> insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK) values(1, 116);
mysql> insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK) values(1, 117);
mysql> insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK) values(1, 118);
mysql> insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK) values(1, 119);
mysql> insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK) values(1, 120);
mysql> insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK) values(1, 121);
mysql> insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK) values(1, 122);
mysql> insert into nasabah_has_rekening(id_nasabahFK, no_rekeningFK) values(1, 123);
mysql> select * from nasabah_has_rekening;
+-----+-----+
| id_nasabahFK | no_rekeningFK |
+-----+-----+
| 1 | 101 |
| 1 | 102 |
| 1 | 103 |
| 1 | 104 |
| 1 | 105 |
| 1 | 106 |
| 1 | 107 |
| 1 | 108 |
| 1 | 109 |
| 1 | 110 |
| 1 | 111 |
| 1 | 112 |
| 1 | 113 |
| 1 | 114 |
| 1 | 115 |
| 1 | 116 |
| 1 | 117 |
| 1 | 118 |
| 1 | 119 |
| 1 | 120 |
| 1 | 121 |
| 1 | 122 |
| 1 | 123 |
+-----+-----+
25 rows in set (0.00 sec)
```

5. Tabel transaksi

```

barcodes [preprocess] (local) has transformed to: barcode, no_recording, id_mismatch, first_mismatch, wrong_barcode, values
-> 17, 11, 25, "barcode", "7000-1-1", "700001"
-> 22, 109, 15, "barcode", "7000-1-1", "100001"
-> 33, 11, 8, "barcode", "7000-1-1", "100001"
-> 29, 109, 2, "barcode", "7000-1-1", "100001"
-> 24, 109, 5, "barcode", "7000-1-1", "100001"
-> 17, 07, 01, "barcode", "20-1-1-0", "700001"
-> 27, 121, 0, "barcode", "2000-1-1", "100001"
-> 41, 10, 0, "barcode", "2000-1-1", "100001"
-> 29, 109, 10, "barcode", "2000-1-1", "100001"
-> 40, 121, 10, "barcode", "2000-1-1", "100001"
-> 16, 07, 01, "barcode", "20-1-1-0", "700001"
-> 17, 109, 12, "barcode", "2000-1-1", "100001"
-> 40, 06, 0, "barcode", "20-1-1-0", "700001"
-> 44, 11, 25, "barcode", "7000-1-1", "700001"
-> 41, 121, 0, "barcode", "2000-1-1", "100001"
-> 41, 06, 0, "barcode", "20-1-1-0", "700001"
-> 17, 109, 10, "barcode", "2000-1-1", "100001"
-> 40, 11, 8, "barcode", "7000-1-1", "700001"
-> 44, 07, 0, "barcode", "7000-1-1", "700001"
-> 109, 109, 10, "barcode", "2000-1-1", "100001"
query id, no_recording (0 to 1)
barcodes [preprocess] (local)

```

12 Command Prompt: type `cmd` and `p`

```
MetaSR_perhantas: select * from perhantas
```

id_transaksi	id_pelanggan	id_produk	qty	harga	total
1	1	1	10	1000	10000
2	1	2	5	2000	10000
3	1	3	10	1000	10000
4	1	4	10	1000	10000
5	1	5	10	1000	10000
6	1	6	10	1000	10000
7	1	7	10	1000	10000
8	1	8	10	1000	10000
9	1	9	10	1000	10000
10	1	10	10	1000	10000
11	1	11	10	1000	10000
12	1	12	10	1000	10000
13	1	13	10	1000	10000
14	1	14	10	1000	10000
15	1	15	10	1000	10000
16	1	16	10	1000	10000
17	1	17	10	1000	10000
18	1	18	10	1000	10000
19	1	19	10	1000	10000
20	1	20	10	1000	10000
21	2	1	10	1000	10000
22	2	2	5	2000	10000
23	2	3	10	1000	10000
24	2	4	10	1000	10000
25	2	5	10	1000	10000
26	2	6	10	1000	10000
27	2	7	10	1000	10000
28	2	8	10	1000	10000
29	2	9	10	1000	10000
30	2	10	10	1000	10000
31	2	11	10	1000	10000
32	2	12	10	1000	10000
33	2	13	10	1000	10000
34	2	14	10	1000	10000
35	2	15	10	1000	10000
36	2	16	10	1000	10000
37	2	17	10	1000	10000
38	2	18	10	1000	10000
39	2	19	10	1000	10000
40	2	20	10	1000	10000
41	3	1	10	1000	10000
42	3	2	5	2000	10000
43	3	3	10	1000	10000
44	3	4	10	1000	10000
45	3	5	10	1000	10000
46	3	6	10	1000	10000
47	3	7	10	1000	10000
48	3	8	10	1000	10000
49	3	9	10	1000	10000
50	3	10	10	1000	10000
51	3	11	10	1000	10000
52	3	12	10	1000	10000
53	3	13	10	1000	10000
54	3	14	10	1000	10000
55	3	15	10	1000	10000
56	3	16	10	1000	10000
57	3	17	10	1000	10000
58	3	18	10	1000	10000
59	3	19	10	1000	10000
60	3	20	10	1000	10000
61	4	1	10	1000	10000
62	4	2	5	2000	10000
63	4	3	10	1000	10000
64	4	4	10	1000	10000
65	4	5	10	1000	10000
66	4	6	10	1000	10000
67	4	7	10	1000	10000
68	4	8	10	1000	10000
69	4	9	10	1000	10000
70	4	10	10	1000	10000
71	4	11	10	1000	10000
72	4	12	10	1000	10000
73	4	13	10	1000	10000
74	4	14	10	1000	10000
75	4	15	10	1000	10000
76	4	16	10	1000	10000
77	4	17	10	1000	10000
78	4	18	10	1000	10000
79	4	19	10	1000	10000
80	4	20	10	1000	10000

12 Command Prompt: 1924, a 1901 p.

[illegible]

 100 runs in 0.000 (0.000 sec)

March 28 - September 9