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Kelas : G

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Microsoft Windows [Version 10.0.18362.778]
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C:\Users\User>cd\

C:\>cd xampp/mysql/bin

C:\xampp\mysql\bin>mysql -u root -t
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 9
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 perbankan;
Database changed
MariaDB [perbankan]> create table nasabah(id_nasabah primary key, nama_nasabah varchar(45) not null, alamat_nasabah varchar(255) not null);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'primary key
, nama_nasabah varchar(45) not null, alamat_nasabah varchar(255) not' at line 1
MariaDB [perbankan]> create table nasabah(id_nasabah integer primary key, nama_nasabah varchar(45) not null, alamat_nasabah varchar(255) not null);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'integer pr
imary key, nama_nasabah varchar(45) not null, alamat_nasabah varchar' at line 1
MariaDB [perbankan]> create table nasabah(id_nasabah integer primary key, nama_nasabah varchar(45) not null, alamat_nasabah varchar(255) not null);
Query OK, 0 rows affected (0.463 sec)

MariaDB [perbankan]> create table cabang_bank(kode_bank varchar(20) primary key, nama_cabang varchar(45) unique not null,alamat_cabang varchar(255) not null ); varc
ERROR 1050 (42501): Table 'cabang_bank' already exists
>
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'varc' at li
ne 1
MariaDB [perbankan]> create table cabang_bank(kode_bank varchar(20) primary key, nama_cabang varchar(45) unique not null,alamat_cabang varchar(255) not null );
ERROR 1050 (42501): Table 'cabang_bank' already exists
MariaDB [perbankan]> show tables;
+-----+
| Tables_in_perbankan |
+-----+
| cabang_bank          |
| nasabah              |
+-----+
2 rows in set (0.146 sec)

MariaDB [perbankan]> describe cabang_bank;
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| nama_bank | varchar(40) | NO |  | NULL |  |
| alamat_bank | varchar(45) | NO |  | NULL |  |
| kode_bank | varchar(25) | NO | PRI | NULL |  |
+-----+
3 rows in set (0.031 sec)

MariaDB [perbankan]> alter table cabang_bank change (alamat_bank alamat_bank varchar(255) unique not null);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near '(alamat_ban
k alamat_bank varchar(255) unique not null)' at line 1
MariaDB [perbankan]> alter table cabang_bank change alamat_bank alamat_bank varchar(255) unique not null;
Query OK, 0 rows affected (1.008 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [perbankan]> describe cabang_bank;
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| nama_bank | varchar(40) | NO |  | NULL |  |
| alamat_bank | varchar(255) | NO | UNI | NULL |  |
| kode_bank | varchar(25) | NO | PRI | NULL |  |
+-----+
3 rows in set (0.131 sec)

MariaDB [perbankan]> create table rekening (no_rekening int primary key, kode_cabangFK varchar(20) references cabang_bank(kode_cabang) on delete cascade on update casca
de, pin varchar(20) default '1234' not null);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'no null)' a
t line 1
MariaDB [perbankan]> create table rekening (no_rekening int primary key, kode_cabangFK varchar(20) references cabang_bank(kode_cabang) on delete cascade on update casca
de, pin varchar(20) default '1234' not null);
Query OK, 0 rows affected (0.335 sec)

MariaDB [perbankan]> create table transaksi (no_transaksi serial primary key, id_nasabahFK int references nasabah(id_nasabah) on delete set null on update cascade, no_r
ekeningFK int references rekening(no_rekening) on delete set null on update cascade, jenis_transaksi varchar(20) default 'debit' not null, tanggal detetime not null de
fault current_timestamp, jumlah int not null check(jumlah>20000));
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'detetime no
t null default current_timestamp, jumlah int not null check(jumlah>2' at line 1
MariaDB [perbankan]> create table transaksi (no_transaksi serial primary key, id_nasabahFK int references nasabah(id_nasabah) on delete set null on update cascade, no_r
ekeningFK int references rekening(no_rekening) on delete set null on update casCade, jenis_transaksi varchar(20) default 'debit' not null, tanggal detetime not null def
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Command Prompt - mysql -u root -t
de, pin varchar(20) default '1234' no null);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'no null)' a
t line 1
MariaDB [perbankan]> create table rekening (no_rekening int primary key, kode_cabangFK varchar(20) references cabang_bank(kode_cabang) on delete cascade on update casca
de, pin varchar(20) default '1234' not null);
Query OK, 0 rows affected (0.335 sec)

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ekeningFK int references rekening(no_rekening) on delete set null on update cascade, jenis_transaksi varchar(20) default 'debit' not null, tanggal datetime not null de
fault current_timestamp, jumlah int not null check(jumlah>20000));
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'datetime no
t null default current_timestamp, jumlah int not null check(jumlah>2' at line 1
MariaDB [perbankan]> create table transaksi (no_transaksi serial primary key, id_nasabahFK int references nasabah(id_nasabah) on delete set null on update cascade, no_r
ekeningFK int references rekening(no_rekening) on delete set null on update cascade, jenis_transaksi varchar(20) default 'debit' not null, tanggal datetime not null def
ault current_timestamp, jumlah int not null check(jumlah>20000));
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'datetime no
t null default current_timestamp, jumlah int not null check(jumlah>2' at line 1
MariaDB [perbankan]> create table transaksi (no_transaksi serial primary key, id_nasabahFK int references nasabah(id_nasabah) on delete set null on update cascade, no_r
ekeningFK int references rekening(no_rekening) on delete set null on update cascade, jenis_transaksi varchar(20) default 'debit' not null, tanggal datetime not null def
ault current_timestamp, jumlah int not null check(jumlah>20000));
Query OK, 0 rows affected (0.355 sec)

MariaDB [perbankan]> create table nasabah_has_rekening(id_nasabahFK int references nasabah(id_nasabah) on delete cascade on update cascade, no_rekeningFK int referenc
es rekening(no_rekening) on delete cascade on update cascade, primary key (id_nasabahFK, no_rekeningFK));
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'on delete c
ascade on update cascade, primary key (id_nasabahFK, no_rekeningFK))' at line 1
MariaDB [perbankan]> create table nasabah_has_rekening(id_nasabahFK int references nasabah(id_nasabah) on delete cascade on update cascade, no_rekeningFK int reference
s rekening(no_rekening) on delete cascade on update cascade, primary key (id_nasabahFK, no_rekeningFK));
Query OK, 0 rows affected (0.465 sec)

MariaDB [perbankan]>

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Command Prompt - mysql -u root -t
Query OK, 0 rows affected (0.465 sec)

MariaDB [perbankan]> show tables;
+-----+
| Tables_in_perbankan |
+-----+
| cabang_bank          |
| nasabah              |
| nasabah_has_rekening |
| rekening             |
| transaksi            |
+-----+
5 rows in set (0.001 sec)

MariaDB [perbankan]> desc cabang_bank;
+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+
| nama_bank  | varchar(40) | NO   |     | NULL    |       |
| alamat_bank | varchar(255) | NO   | UNI | NULL    |       |
| kode_bank  | varchar(25) | NO   | PRI | NULL    |       |
+-----+
3 rows in set (0.144 sec)

MariaDB [perbankan]> desc nasabah;
+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+
| id_nasabah | int(11)   | NO   | PRI | NULL    |       |
| nama_nasabah | varchar(45) | NO   |     | NULL    |       |
| alamat_nasabah | varchar(255) | NO   |     | NULL    |       |
+-----+
3 rows in set (0.030 sec)

MariaDB [perbankan]> desc nasabah_has_rekening;
ERROR 1146 (42S02): Table 'perbankan.nasabah_has_rekening' doesn't exist
MariaDB [perbankan]> desc nasabah_has_rekening;
+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+
| id_nasabahFK | int(11)   | NO   | PRI | NULL    |       |
| no_rekeningFK | int(11)   | NO   | PRI | NULL    |       |
+-----+
2 rows in set (0.037 sec)

```

Command Prompt - mysql -u root -t

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+-----+-----+-----+-----+-----+
| id_nasabahFK | int(11) | NO | PRI | NULL | |
| no_rekeningFK | int(11) | NO | PRI | NULL | |
+-----+-----+-----+-----+-----+
2 rows in set (0.037 sec)
```

MariaDB [perbankan]> desc rekening;

```
+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| no_rekening | int(11) | NO | PRI | NULL | |
| kode_cabangFK | varchar(20) | YES | | NULL | |
| pin | varchar(20) | NO | | 1234 | |
+-----+-----+-----+-----+-----+
3 rows in set (0.048 sec)
```

MariaDB [perbankan]> desc transaksi;

```
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| no_transaksi | bigint(20) unsigned | NO | PRI | NULL | auto_increment |
| id_nasabahFK | int(11) | YES | | NULL | |
| no_rekeningFK | int(11) | YES | | NULL | |
| jenis_transaksi | varchar(20) | NO | | debit | |
| tanggal | datetime | NO | | current_timestamp() | |
| jumlah | int(11) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.160 sec)
```

MariaDB [perbankan]> _