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Praktikum Sistem Basis Data Modul 4

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C:\WINDOWS\system32\cmd.exe - mysql -u root -t

C:\xampp\mysql>cd bin

C:\xampp\mysql\bin>mysql -u root -t
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 8
Server version: 10.4.6-MariaDB mariadb.org binary distribution

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

MariaDB [(none)]>
MariaDB [(none)]> create database perbankan;
Query OK, 1 row affected (0.009 sec)

MariaDB [(none)]> use database perbankan;
ERROR 1049 (42000): Unknown database 'database'
MariaDB [(none)]> use perbankan;
Database changed
MariaDB [perbankan]> create table nasabah(id_nasabah integer primary key, nama_nasabah varchar(45) not null, alamat_nasabah varchar(45) not null, alamat_nasabah varchar(255) not null);
ERROR 1060 (42S21): Duplicate column name 'alamat_nasabah'
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 (0.029 sec)

MariaDB [perbankan]> create table cabang_bank (kode_cabang varchar(20) primary key, nama_cabang varchar(45) unique not null, alamat_cabang varchar(255) not null);
Query OK, 0 rows affected (0.040 sec)

MariaDB [perbankan]> create table rekening(no_rekening integer primary key, kode_cabangFK varchar(20) reference cabang_bank(kode_cabang) on delete cascade on update cascade, pin varchar(20) default '1234' not null, saldo integer default 0 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 'cabang_bank(kode_cabang) on delete cascade on update cascade, pin varchar(20) de' at line 1
MariaDB [perbankan]> create table rekening(no_rekening integer primary key, kode_cabang FK varchar(20) reference cabang_bank(kode_cabang) on delete cascade on update cascade, pin varchar(20) default '1234' not null, saldo integer default 0 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 'FK varchar(20) reference cabang_bank(kode_cabang) on delete cascade on update ca' at line 1
MariaDB [perbankan]> create table rekening(no_rekening integer primary key, kode_cabangFK varchar(20) references cabang_bank(kode_cabang) on delete cascade on update cascade, pin varchar(20) default '1234' not null, saldo integer default 0 not null);
Query OK, 0 rows affected (0.042 sec)

MariaDB [perbankan]> create table transaksi(no_transaksi serial primary key, id_nasabahFK integer references nasabah(id_nasabah) on delete set null on update cascade, no_rekeningFK integer references rekening(no_rekening) on delete set null on update cascade, jenis_transaksi varchar(20) default 'debit' not null, tanggal datetime not null default current_timestamp, jumlah integer not null check(jumlah>=20000));
Query OK, 0 rows affected (0.038 sec)

MariaDB [perbankan]> create table nasabah_has_rekening(id_nasabahFK integer references nasabah(id_nasabah) on delete cascade on update cascade, no_rekeningFK integer references rekening(no_rekening) on delete cascade on update cascade, primary key(id_nasabahFK, no_rekeningFK));
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MariaDB [perbankan]> show tables;

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Tables_in_perbankan
cabang_bank
nasabah
nasabah_has_rekening
rekening
transaksi
```

5 rows in set (0.010 sec)

MariaDB [perbankan]> describe cabang_bank;

Field	Type	Null	Key	Default	Extra
kode_cabang	varchar(20)	NO	PRI	NULL	
nama_cabang	varchar(45)	NO	UNI	NULL	
alamat_cabang	varchar(255)	NO		NULL	

3 rows in set (0.025 sec)

MariaDB [perbankan]> describe 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 (0.022 sec)

MariaDB [perbankan]> describe 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 (0.020 sec)

MariaDB [perbankan]> describe 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	

Type here to search

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MariaDB [perbankan]> describe 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	
saldo	int(11)	NO		0	

4 rows in set (0.031 sec)

MariaDB [perbankan]> describe 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 (0.024 sec)

MariaDB [perbankan]> .

Type here to search