

Nama : Ulin Nuha Trisiana

NIM : L200180190

Kelas G

Kegiatan Praktikum Modul 4

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XAMPP for Windows - mysql -u root
Setting environment for using XAMPP for Windows.
HP@LAPTOP-1NNC2C1B c:\xampp
# mysql -u root
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 2
Server version: 5.6.14 MySQL Community Server (GPL)

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owners.

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

mysql> create database perbankan1;
Query OK, 1 row affected (0.02 sec)

mysql> use perbankan1;
Database changed
mysql> 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 (0.57 sec)

mysql> 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 (0.67 sec)

mysql> create table rekening(
  -> no_rekening integer primary key,
  -> kode_cabang FK varchar(20) references cabang_bank(kode_cabang) on delete cascade on update cascade,
  -> pin varchar
  -> 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 MySQL server version for the right syntax to use near 'FK varchar(20) references cabang_bank(kode_cabang) on delete cascade on update c' at line 3
mysql> create table rekening(
  -> no_rekening integer primary key,
  -> kode_cabangFK varchar(20) REFERENCES cabang_bank(kode_cabang) ON DELETE CASCADE ON UPDATE CASCADE,
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  -> 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 (0.59 sec)

mysql> 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(
  -> jenis_transaksi varchar(20) default "debit" not null,
  -> tanggal DATETIME NOT NULL DEFAULT CURRENT_TIMESTAMP,
  -> jumlah integer not null check (jumlah>20000));
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'REFERENCES n
asabah(id_nasabah) ON DELETE SET NULL ON UPDATE CASCADE,
no_rekenin' at line 3
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  -> 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));
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no_rekenin' at line 3
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  -> 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));
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'REFERENCES n
asabah(id_nasabah) ON DELETE SET NULL ON UPDATE CASCADE,
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  -> 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 (0.58 sec)

mysql> 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 SET NULL ON UPDATE CASCADE);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'REFERENCES n
asabah(id_nasabah) ON DELETE CASCADE ON UPDATE CASCADE,
no_rekening' at line 2
mysql> 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));
Query OK, 0 rows affected (0.57 sec)

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mysql> show tables;
+-----+
| Tables_in_perbankan1 |
+-----+
| cabang_bank          |
| nasabah              |
| nasabah_has_rekening |
| rekening              |
| transaksi             |
+-----+
5 rows in set (0.00 sec)

mysql> 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 (0.15 sec)

mysql> describe cabang_bank;
+-----+
| Field          | Type          | Null | Key | Default | Extra |
+-----+
| kode_cabang    | varchar(20)   | NO   | PRI | NULL    |       |
| nama_cabang    | varchar(45)   | NO   |     | NULL    |       |
| alamat_cabang  | varchar(255)  | NO   |     | NULL    |       |
+-----+
3 rows in set (0.12 sec)

mysql> 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 (0.03 sec)

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mysql> 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 (0.03 sec)

mysql> describe nasabah_has_rekening;
+-----+
| Field          | Type          | Null | Key | Default | Extra |
+-----+
| id_nasabahFK   | int(11)       | NO   | PRI | 0        |       |
| no_rekeningFK  | int(11)       | NO   | PRI | 0        |       |
+-----+
2 rows in set (0.15 sec)

mysql>

```