Nama: Abid Muhammad Taufiq

NIM : L200180059

Kelas : C

MODUL 4

1. Membuat database perbankan

```
C:\Users\ACER>cd..
C:\Users\ACER>cd..
C:\\users\ACER>cd..
C:\\users\aceta angp\mysql\bin\mysql root

Microsoft Windows [Version 10.0.18362.720]
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C:\\users\ACER>cd..
C:\\users\aceta angp\mysql\bin\mysql\bin
C:\\\users\aceta angp\mysql\bin\mysql\bin\mysql\ root -u
mysql: option '-u' requires an argument

C:\\\users\amp\mysql\bin\mysql\bin\mysql\ -u root
Welcome to the MariaDB monitor. Commands end with ; or \g.
Your MariaDB connection id is 26
Server version: 10.1.37-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)]> create database perbankan;
Query OK, 1 row affected (0.00 sec)

MariaDB [(none)]> ____
```

2. Database change

```
Microsoft Windows [Version 10.0.18362.720]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\ACER>cd..

C:\Users\aCe.\C:\\cappy\mysql\bin\mysql root -u
mysql: option '-u' requires an argument

C:\\cappy\mysql\bin\mysql -u root
Welcome to the MariaDB monitor. Commands end with; or \g.
Yourn MariaDB connection id is 26
Server version: 10.1.37-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)]> create database perbankan;
Query OK, 1 row affected (0.00 sec)

MariaDB [(none)]> use perbankan;
Database changed
MariaDB [perbankan]>
```

3. tabel nasabah

4. Membuat tabel cabang bank

5. tabel rekening

```
Command Prompt - mysql - uroot

on for the right syntax to use near 'tabel cabang_bank(
kode_cabang VARCHAR(20) PRIMARY KEY,
nama_cabang VARCHAR(45) ' at line 1
MariaDB [perbankan]> create table cabang_bank(
-> kode_cabang VARCHAR(20) PRIMARY KEY,
-> nama_cabang VARCHAR(45) UNIQUE NOT NULL,
-> alamat_cabang VARCHAR(45) NOT NULL
-> );
Query OK, 0 rows affected (0.03 sec)

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 (0.02 sec)

MariaDB [perbankan]> ____
```

6. Membuat tabel transaksi

7. tabel nasabah_has_rekening

```
© Command Prompt-mysgl -u root

-> kode_cabangFK VARCHAR(20) REFERENCES cabang_bank(kode_cabang)
-> kode_cabangFK VARCHAR(20) REFERENCES cabang_bank(kode_cabang)
-> pin VARCHAR(20) DEFAULT '1234' NOT NULL,
-> saldo INTEGER DEFAULT 0 NOT NULL
-> );

Query OK, 0 rows affected (0.02 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_nekeningFK INTEGER REFERENCES rekening(no_rekening)
-> ON DELETE SET NULL ON UPDATE CASCADE,
-> jenis_transaksi VARCHAR(20) DEFAULT 'debit' NOT NULL,
-> tanggal DATEITIME NOT NULL DEFAULT 'debit' NOT NULL,
-> jumlah INTEGER NOT NULL DEFAULT 'IMESTAMP,
-> jumlah INTEGER NOT NULL CHECK(jumlah>=20000)
-> );

Query OK, 0 rows affected (0.05 sec)

MariaDB [perbankan]> create table nasabah_has_rekening(
-> id_nasabahFK INTEGER REFERENCES nasabah(id_nasabah)
-> ON DELETE CASCADE ON UPDATE CASCADE,
-> no_nekeningFK INTEGER REFERENCES rekening(no_rekening)
-> NO DELETE CASCADE ON UPDATE CASCADE,
-> no_nekeningFK INTEGER REFERENCES rekening(no_rekening)
-> PRIMARY KEY(id_nasabahFK, no_rekeningFK)
-> );

Query OK, 0 rows affected (0.02 sec)

MariaDB [perbankan]> ■
```

8. Mengeceh hasil database

9. melihat struktur tiap tabel

