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Kelas: B

## **MODUL 4**

## **LATIHAN**

```
C:\Users>cd..
C:\>cd..
C:\>E:\
'E:\' is not recognized as an internal or external command,
operable program or batch file.
E:\>cd software free
E:\software free>cd xampp\mysql\bin
E:\software free\xampp\mysql\bin>mysql -u root -p
Enter password:
Welcome to the MariaDB monitor. Commands end with ; or \g.
Your MariaDB connection id is 11
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)]> show databases;
 Database
  information_schema
  mysql
perbankan
  performance_schema
  phpmyadmin
   test
  rows in set (0.001 sec)
```

#### Command Prompt - mysql -u root -p MariaDB [perbankan]> show tables; Tables\_in\_perbankan cabang\_bank nasabah nasabah\_has\_rekening rekening transaksi rows in set (0.001 sec) MariaDB [perbankan]> describe nasabah; | Type Field Null | Key | Default | Extra id\_nasabah int(11) NO PRT NULL varchar(45) NULL nama nasabah NO alamat\_nasabah | varchar(255) | NULL NO 3 rows in set (0.009 sec) MariaDB [perbankan]> describe cabang\_bank; Null | Field Type Key | Default | Extra | | varchar(20) kode\_cabang NO PRI NULL varchar(45) nama\_cabang NO LINT NULL alamat\_cabang | varchar(255) NO NULL 3 rows in set (0.008 sec) MariaDB [perbankan]> describe rekening; Field Type | Null | Key | Default | Extra | no\_rekening int(11) NO PRI NULL kode\_cabangFK varchar(20) NULL varchar(20) NO pin 1234 a saldo int(11) NO rows in set (0.031 sec)

# **TUGAS**

## **DATABASE UNIVERSITAS**

1. Membuat database universitas dan menghubungkannya

```
EX Select Command Prompt - mysql - uroot - p

mysql > create database universitas;

Query (N. 1 row affected (0.08 sec)

mysql > use universitas;

Database changed

mysql > create table manasiswa(

-> NIM integer primary key,

-> nama varchar(45) not null,

-> olamat varchar(25) not null

-> ol;

Query (N. 6 rows affected (0.28 sec)

mysql > create table dosen(

-> NIP integer primary key,

-> nama varchar(255) not null,

-> olamat varchar(255) not null,

-> alamat varchar(255) not null,

-> nama varchar(255) not null,

-> olamat varchar(255) not null

-> );

Query (N. 6 rows affected (0.21 sec)

mysql > create table mata_kuliah(

-> kode_mk varchar(10) primary key,

-> nama_mk varchar(30) not null

-> );

Query (N. 6 rows affected (0.38 sec)

mysql > create table nuang_kalss(

mysql > create table nuang_varchar(10) primary key,

-> nama_nuang_varchar(10) primary key,

-> nama_nuang_varch
```

2. Membuat tabel

```
mysql>
mysql>
mysql>
contact table mahasiswa_has_dosen(

NIPFK integer references mahasiswa(NIM) on delete cascade on update cascade,

NIPFK integer references dosen(NIP) on delete cascade on update cascade,

primary key(NIMFK, NIPFK)

primary key(NIMFK, NIPFK)

NIPFK integer references mahasiswa(NIM) on delete cascade on update cascade,

NIMFK integer references mahasiswa(NIM) on delete cascade on update cascade,

Node_MFFK varchar(10) references mata_kuliah(

NIMFK integer references mahasiswa(NIM) on delete cascade on update cascade,

NIMFK varchar(10) references mata_kuliah(

NIMFK integer references dosen(MIP) on delete cascade on update cascade,

NIMFK integer references dosen(MIP) on delete cascade on update cascade,

NIMFK integer references dosen(MIP) on delete cascade on update cascade,

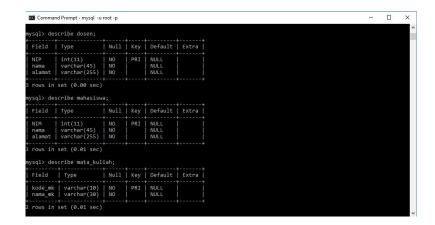
NIMFK integer references dosen(MIP)

NIMFK integer re
```

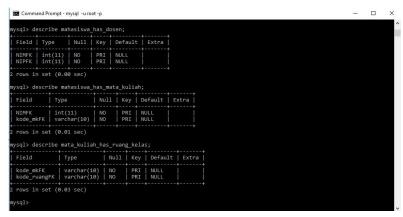
3. Menampilkan tabel pada database universitas



4. Melihat struktur tiap tabel pada database universitas







## **DATABASE PERPUSTAKAAN**

1. Membuat database perpustakaan dan menghubungkannya

2. Membuat tabel

```
ex Command Prompt-mysql -u root-p

- Jenis_denda varchar(45) not null,
- tgl_pdinjaw varchar(45) not null
- );

Query OK, 0 rows affected (0.33 sec)

mysql> create tabla anggota [
- no_anggota integer primary key,
- no_pegawalit kineger references pegawai(no_pegawai) on delete cascade on update cascade,
- in a lamat varchar(255) not null,
- tallahir varchar(45) not null,
- tyl_alahir varchar(45) null,
-
```

3. Menampilkan tabel pada database perpustakaan



4. Melihat struktur tiap tabel pada database perpustakaan

