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Kelas: C

MODUL 4

TUGAS

DATABASE UNIVERSITAS

1. Membuat database universitas dan menghubungkannya

2. Membuat tabel

```
mysql> create database universitas;

query 0k, 1 row affected (0.00 sec)

mysql> use universitas;

Database changed

mysql> create table mahasiswa(

-> NIM Integer primary key,

-> nama warchar(255) not null,

-> slamat Varchar(255) not null,

-> nama warchar(255) not null,

-> nama warchar(256) not null,

-> nama warchar(357) not null,

-> nama warchar(367) not null,

-> nama warchar(367) not null

-> primary key,

-> nama marchar(367) not null

-> primarchar(367) not null

-> primarchar(367) not null

-> primarchar(367) no
```

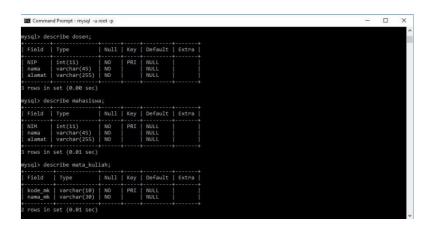
```
mysql>
mysql>
mysql>
mysql>
mysql> create table mahasisua has dosen(
mysql> create table mahasisua has dosen(
mysql> create table mahasisua has dosen(
mysql> create table mahasisua has mysql>
mysql> create table mahasisua has mata kuliah(
mysql> create table dosen mysql> mysql> create (
mysql> create table dosen mysql> mysql> create (
mysql> create table dosen mysql> mysql> create (
mysql> create table dosen mysql> mysql> create mysql>
```



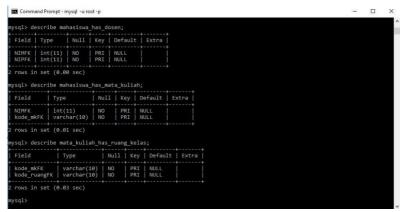
3. Menampilkan tabel pada database universitas



4. Melihat struktur tiap tabel pada database universitas







DATABASE PERPUSTAKAAN

1. Membuat database perpustakaan dan menghubungkannya

2. Membuat tabel

```
mysql> create database perpustakaan;
Query OK, 1 row affected (0.00 sec)

mysql> use perpustakaan;
Database changed
mysql> create table buku(

-> no_buku integer primary key,
-> judul varchar(45) not null,
-> thn_terbit integer not null,
-> pengrang varchar(45) not null,
-> thn_terbit integer not null,
-> pengrang varchar(45) not null,
-> l;
Query OK, 0 rows affected (0.35 sec)

mysql> create table pegawai(
-> no_pegawai integer primary key,
-> nama varchar(45) not null,
-> alamat varchar(25) not null,
-> no_tpi integer not null,
-> joury ok, 0 rows affected (0.23 sec)

mysql> create table deada.
-> no_pegawai integer primary key,
-> no_angetafk integer primary key
-> no and varchar(45) unique not null
-> j;

Query OK, 0 rows affected (0.23 sec)

mysql> create table deada.
-> kode_denda integer primary key,
-> no_angeotafk integer references anggota(no_anggota) on delete cascade on update cascade,
-> tarif_denda varchar(45) not null,
-> jenis_denda varchar(45) not null,
-> tgl_pinjam varchar(45) not null,
```

```
Secure and Prompt - mysql - uroot-p

> Jenis denda varchar(45) not null,

> gl_pinjam varchar(45) not null,

> pl. pinjam varchar(45) not null,

> no. magota integer primary key,

> no. pagawalfk integer references pegawai(no_pegawai) on delete cascade on update cascade,

> nama varchar(45) not null,

> alamat varchar(45) not null,

> tol_lalhir varchar(45) not null,

> jurusan varchar(45) not null,

> jurusan varchar(45) not null,

> jurusan varchar(45) not null,

> no, pows affected (0.36 sec)

mysql> create table anggota has buku(

> no anggotalk integer references anggota(no_anggota) on delete cascade on update cascade,

> no bubufk integer references buku(no_buku) on delete cascade on update cascade,

> primary key(no_anggotafk, no_bukufk)

| Query OK, 0 rows affected (0.62 sec)

mysql>

reate table buku has_pegawai(

- no_bukufk integer references buku(no_buku) on delete cascade on update cascade,

> no_bukufk integer references buku(no_buku) on delete cascade on update cascade,

> no_bukufk integer references buku(no_buku) on delete cascade on update cascade,

> no_bukufk integer references buku(no_buku) on delete cascade on update cascade,

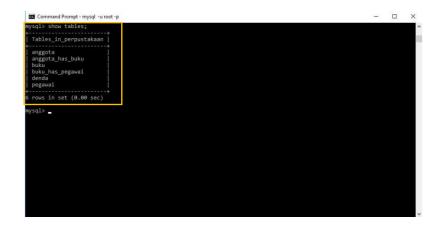
> no_bukufk integer references buku(no_buku) on delete cascade on update cascade,

> no_bukufk integer references pegawai(no_pegawai) on delete cascade on update cascade,

> primary key(no_bukufk, no_pegawaifk)

| Query OK, 0 rows affected (0.23 sec)
```

3. Menampilkan tabel pada database perpustakaan



4. Melihat struktur tiap tabel pada database perpustakaan

