Nama: Nanang Dwi

Prasetyo

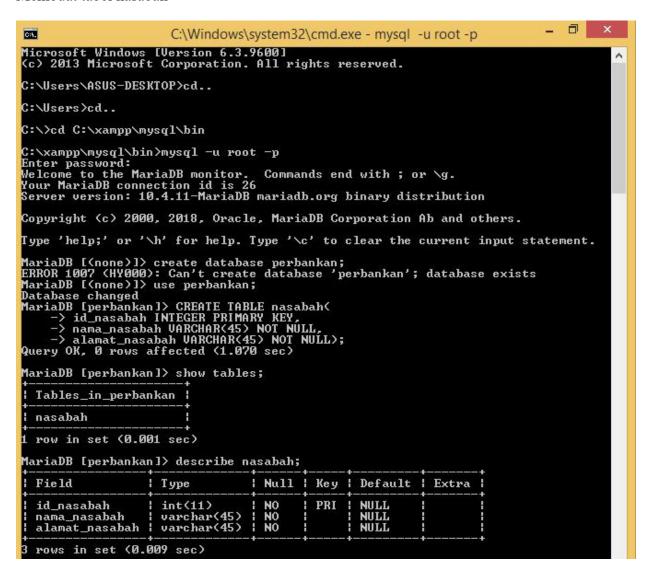
Nim: L200180157

Kelas: F

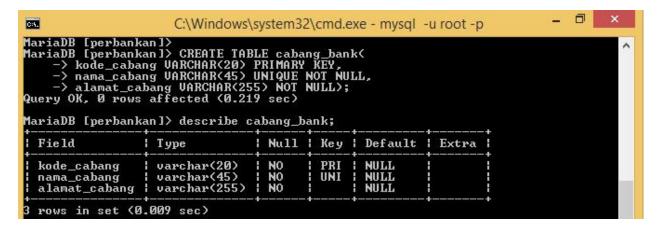
Kegiatan

MODUL 4

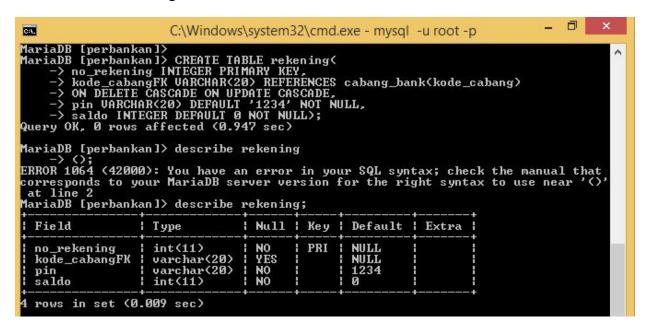
Membuat tabel nasabah



Membuat tabel cabang bank



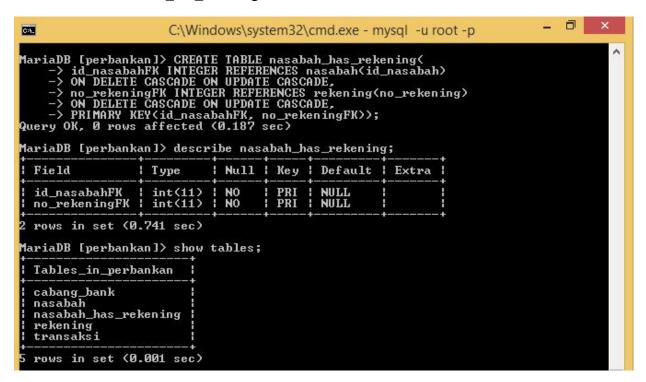
Membuat Tabel rekening



Membuat tabel transaksi

```
_ 🗇 ×
                                        C:\Windows\system32\cmd.exe - mysql -u root -p
MariaDB [perbankan]>
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 UARCHAR(20) DEFAULT 'debit' NOT NULL,
-> tanggal DATETIME NOT NULL DEFAULT CURRENT_TIMESTAMP,
-> jumlah INTEGER NOT NULL CHECK(jumlah)=20000);
Query OK, 0 rows affected (0.918 sec)
 MariaDB [perbankan]> describe transaksi;
 ! Field
                                    ! Type
                                                                               ! Null | Key | Default
                                                                                                                                                    Ext
                                    | bigint(20) unsigned | NO
                                                                                             PRI : NULL
   no_transaksi
                                                                                                                                                    aut
    increment |
    id_nasabahFK
                                    ! int(11)
                                                                               ! YES
                                                                                                         HULL
    no_rekeningFK
                                    ! int(11)
                                                                               ! YES
                                                                                             ı
                                                                                                         HULL
   jenis_transaksi | varchar(20)
                                                                               I NO
                                                                                                         debit
    tanggal
                                    ! datetime
                                                                               : NO
                                                                                                         | current_timestamp() |
    jumlah.
                                    ! int(11)
                                                                               ! NO
                                                                                                         ! NULL
   rows in set (0.735 sec)
```

Membuat tabel nasabah has rekening



TUGAS

Implementasi hasil rancangan database yang menangani data kuliah pada tugas modul 2 ke dalam program mysql

Membuat database Universitas

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

MariaDB [(none)]> create database Universitas;
Query OK, 1 row affected (0.074 sec)

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

Membuat tabel Mahasiswa

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

MariaDB [Universitas]> CREATE TABLE Mahasiswa(
-> id_mhs INTEGER PRIMARY KEY,
-> nama_mhs UARCHAR(45) NOT NULL,
-> alamat_mhs UARCHAR(255) NOT NULL);
Query OK, Ø rows affected (0.640 sec)
```

Membuat tabel Dosen,

MataKuliah,

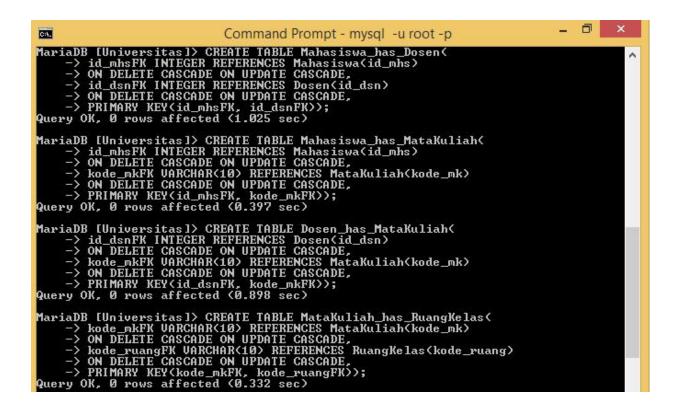
Ruang Kelas

Membuat tabel Mahasiswa has Dosen,

Mahasiswa has MataKuliah,

Dosen has MataKuliah,

MataKuliah has RuangKelas



Hasil:

	(Comman	d Prom	pt - mysql -	u root -p	×
MariaDB [Uni	versitasl> sho	w table	s;			-
Tables_in_	universitas					
dosen dosen_has_ mahasiswa_ mahasiswa_ matakuliah	matakuliah	10				
8 rows in se	t (0.002 sec)					
MariaDB [Uni	versitas]> des	cribe D	osen;			
Field !	Туре	Null :	Key !	Default	Extra :	
	int(11) varchar(45)	N0 N0	PRI	NULL :		
2 rows in se	t (0.178 sec)	· · · · · ·	*		+	٨.
MariaDB [Uni	versitas]> des	cribe D	osen_h	as_MataKul	iah;	
	: Туре	+	+	+ Default	++	
	int(11) varchar(10)	N0	PRI PRI	! NULL ! NULL		
t 2 rows in se	t (0.050 sec)	+	+	+	++	
MariaDB [Uni	versitas]> des	cribe M	ahasis	wa:		
Field		+	+	y Defaul	++ t	ľ
id_mhs id_mhs nama_mhs alamat_mhs	int(11) varchar(45) varchar(255		PR	I : NULL : NULL : NULL	-	
rows in se	t (0.010 sec)	+	•	+	++	
MariaDB [Uni	versitas]> des	cribe M	ahasis	wa_has_Dos	en;	
·+		+	-+	ault Ext	+	
id_mhsFK id_dsnFK	int(11) NO int(11) NO	PRI PRI	: NUL			
++ 2 rows in se	t (0.734 sec)	+	-+		+	
MariaDB [Uni	versitas]> des	cribe M	ahasis	wa_has_Mat	aKuliah;	
Field	Туре	Null	Key	Default	Extra	
id_mhsFK kode_mkFK	int(11) varchar(10)	NO NO	PRI PRI	NULL NULL		
2 rows in se	t (0.730 sec)			· · · · · · · · · · · · · · · · · · ·		

