

Nama : Fajar Nur Hidayat

NIM : L200170003

Kelas : A

Laporan Sistem Basis Data Modul 4

Tugas

```
Command Prompt - mysql -u root
Microsoft Windows [Version 10.0.17134.648]
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C:\Users\PERSONAL>cd..
C:\Users>cd..
C:\>dir
Volume in drive C is WINDOWS 10
Volume Serial Number is CE21-E33A

Directory of C:\

22/03/2019  18:24          19.234.597 aow_drv.log
17/10/2018  05:45         <DIR>          filesanyar
17/10/2018  05:46         <DIR>          filesanyar1
20/10/2018  10:25         <DIR>          found.000
24/08/2018  08:21         <DIR>          Fraps
25/12/2018  18:28         <DIR>          Genius
12/03/2018  19:16         <DIR>          Intel
05/04/2018  09:16         <DIR>          Keygen Corel X8
16/10/2018  17:06         <DIR>          labjar
23/01/2018  18:24         <DIR>          NVIDIA
16/09/2018  08:09         <DIR>          OS
12/04/2018  06:38         <DIR>          Perflogs
28/02/2019  16:00         <DIR>          Program Files
20/02/2019  10:23         <DIR>          Program Files (x86)
08/03/2019  18:59         <DIR>          Python27
26/05/2018  09:41         <DIR>          ros
08/11/2018  16:34         <DIR>          Temp
18/10/2018  04:19         <DIR>          Users
13/03/2019  17:11         <DIR>          Windows
20/03/2018  17:17         <DIR>          Windows10Upgrade
21/03/2019  19:52         <DIR>          xampp
                1 File(s)          19.234.597 bytes
                20 Dir(s)  99.355.070.464 bytes free

C:\>cd xampp
C:\xampp>cd mysql/bin
C:\xampp\mysql\bin>create database mahasiswa;
'create' is not recognized as an internal or external command,
operable program or batch file.

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C:\xampp\mysql\bin>mysql -u root
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operable program or batch file.
C:\xampp\mysql\bin>create database mahasiswa;
'create' is not recognized as an internal or external command,
operable program or batch file.
C:\xampp\mysql\bin>mysql -u root
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 2
Server version: 10.1.38-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 mahasiswa;
ERROR 1007 (HY000): Can't create database 'mahasiswa'; database exists
MariaDB [(none)]> create database mahasiswa;
Query OK, 1 row affected (0.00 sec)
MariaDB [(none)]> use mahasiswa1
Database changed
MariaDB [mahasiswa1]> create table mahasiswa(
  -> nim_mhs varchar(20) primary key,
  -> nama_mhs varchar(255)not null,
  -> Alamat_mhs varchar(255)not null
  -> );
Query OK, 0 rows affected (0.30 sec)
MariaDB [mahasiswa1]> desc mahasiswa
  -> );
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near ')' at line 2
MariaDB [mahasiswa1]> desc mahasiswa;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| nim_mhs | varchar(20) | NO | PRI | NULL | |
| nama_mhs | varchar(255) | NO | | NULL | |
| Alamat_mhs | varchar(255) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.06 sec)
MariaDB [mahasiswa1]> create table dosen(
  -> );
Query OK, 0 rows affected (0.30 sec)
MariaDB [mahasiswa1]> desc mahasiswa
  -> );
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near ')' at line 2
MariaDB [mahasiswa1]> desc mahasiswa;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| nim_mhs | varchar(20) | NO | PRI | NULL | |
| nama_mhs | varchar(255) | NO | | NULL | |
| Alamat_mhs | varchar(255) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.06 sec)
MariaDB [mahasiswa1]> create table dosen(
  -> id_dosen varchar(20) primary key,
  -> nama_dosen varchar(255)not null,
  -> Alamat_dosen varchar(255)not null
  -> );
Query OK, 0 rows affected (0.17 sec)
MariaDB [mahasiswa1]> desc dosen;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id_dosen | varchar(20) | NO | PRI | NULL | |
| nama_dosen | varchar(255) | NO | | NULL | |
| Alamat_dosen | varchar(255) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)
MariaDB [mahasiswa1]> create table matakuliah(
  -> kode_makul varchar(20) primary key,
  -> nik_dsfk varchar(20) REFERENCES dosen(id_dosen)ON DELETE CASCADE ON UPDATE CASCADE,
  -> nama_makul varchar(255)not null,
  -> ruangan_makul varchar(255)not null
  -> );
Query OK, 0 rows affected (0.22 sec)
MariaDB [mahasiswa1]> desc matakuliah;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| kode_makul | varchar(20) | NO | PRI | NULL | |
| nik_dsfk | varchar(20) | YES | | NULL | |
| nama_makul | varchar(255) | NO | | NULL | |
| ruangan_makul | varchar(255) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)
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  -> );
Query OK, 0 rows affected (0.30 sec)
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MariaDB [mahasiswa1]> desc mahasiswa;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| nim_mhs | varchar(20) | NO | PRI | NULL | |
| nama_mhs | varchar(255) | NO | | NULL | |
| Alamat_mhs | varchar(255) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.06 sec)
MariaDB [mahasiswa1]> create table dosen(
  -> id_dosen varchar(20) primary key,
  -> nama_dosen varchar(255)not null,
  -> Alamat_dosen varchar(255)not null
  -> );
Query OK, 0 rows affected (0.17 sec)
MariaDB [mahasiswa1]> desc dosen;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id_dosen | varchar(20) | NO | PRI | NULL | |
| nama_dosen | varchar(255) | NO | | NULL | |
| Alamat_dosen | varchar(255) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)
MariaDB [mahasiswa1]> create table matakuliah(
  -> kode_makul varchar(20) primary key,
  -> nik_dsfk varchar(20) REFERENCES dosen(id_dosen)ON DELETE CASCADE ON UPDATE CASCADE,
  -> nama_makul varchar(255)not null,
  -> ruangan_makul varchar(255)not null
  -> );
Query OK, 0 rows affected (0.22 sec)
MariaDB [mahasiswa1]> desc matakuliah;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| kode_makul | varchar(20) | NO | PRI | NULL | |
| nik_dsfk | varchar(20) | YES | | NULL | |
| nama_makul | varchar(255) | NO | | NULL | |
| ruangan_makul | varchar(255) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```

Command Prompt - mysql -u root

Field	Type	Null	Key	Default	Extra
kod_makul	varchar(20)	NO	PRI	NULL	
nik_dsfk	varchar(20)	YES		NULL	
nama_makul	varchar(255)	NO		NULL	
ruangan_makul	varchar(255)	NO		NULL	

4 rows in set (0.00 sec)

```
MariaDB [mahasiswa1]> create table ruang(
->   kod_ruang varchar(20) primary key,
->   kod_mkfk varchar(20) REFERENCES matakuliah(kod_makul)ON DELETE CASCADE ON UPDATE CASCADE,
->   nama_makul varchar(255)not null,
->   ruangan_makul varchar(255)not null
-> );
```

Query OK, 0 rows affected (0.15 sec)

MariaDB [mahasiswa1]> desc ruang;

Field	Type	Null	Key	Default	Extra
kod_ruang	varchar(20)	NO	PRI	NULL	
kod_mkfk	varchar(20)	YES		NULL	
nama_makul	varchar(255)	NO		NULL	
ruangan_makul	varchar(255)	NO		NULL	

4 rows in set (0.00 sec)

```
MariaDB [mahasiswa1]> create mahasiswa_has_matkul(
->   kod_mkfk varchar(20) REFERENCES matakuliah(kod_makul)ON DELETE CASCADE ON UPDATE CASCADE,
->   nim_mhsfk varchar(20) REFERENCES mahasiswa(nim_mhs)ON DELETE CASCADE ON UPDATE CASCADE,
->   primary key(nim_mhsfk, kod_mkfk)
-> );
```

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'mahasiswa_has_matkul(kod_mkfk varchar(20) REFERENCES matakuliah(kod_makul)ON ' at line 1

MariaDB [mahasiswa1]>

```
MariaDB [mahasiswa1]> create mahasiswa_has_matkul(
->   nim_mhsfk varchar(20) REFERENCES mahasiswa(nim_mhs)ON DELETE CASCADE ON UPDATE CASCADE,
->   kod_mkfk varchar(20) REFERENCES matakuliah(kod_makul)ON DELETE CASCADE ON UPDATE CASCADE,
->   primary key(nim_mhsfk, kod_mkfk)
-> );
```

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'mahasiswa_has_matkul(nim_mhsfk varchar(20) REFERENCES mahasiswa(nim_mhs)ON DELE' at line 1

MariaDB [mahasiswa1]> create table mahasiswa_has_matakuliah(

```
->   nim_mhsfk varchar(20) REFERENCES mahasiswa(nim_mhs)ON DELETE CASCADE ON UPDATE CASCADE,
->   kod_mkfk varchar(20) REFERENCES matakuliah(kod_makul)ON DELETE CASCADE ON UPDATE CASCADE,
->   primary key(nim_mhsfk, kod_mkfk)
-> );
```

Query OK, 0 rows affected (0.15 sec)

