Nama : Khidir Afwan Amlabar

NIM : 230202014

Kelas : TI 2A

mysql> #1. Cek services mysql

mysql> version

-> ;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'version' at line 1

mysql> #buat db modul\_5

mysql> create database modul\_5;

Query OK, 1 row affected (0.02 sec)

mysql> show databases;

+--------------------+

| Database |

+--------------------+

| information\_schema |

| modul3 |

| modul4 |

| modul\_5 |

| mysql |

| performance\_schema |

| sys |

+--------------------+

7 rows in set (0.01 sec)

mysql> #membuat tabel

mysql> #2. Membuat tabel

mysql> create table Tenaga\_Medis (

-> id\_dokter varchar(6) not null,

-> nama\_dokter varchar(25) not null,

-> alamat\_dokter varchar(25) not null);

ERROR 1046 (3D000): No database selected

mysql> use modul\_5;

Database changed

mysql> create table Tenaga\_Medis (

-> id\_dokter varchar(6) not null,

-> nama\_dokter varchar(25) not null,

-> alamat\_dokter varchar(25) not null);

Query OK, 0 rows affected (0.09 sec)

mysql> drop table Tenaga\_Medis;

Query OK, 0 rows affected (0.03 sec)

mysql> show tables;

Empty set (0.00 sec)

mysql> create table Tabel\_Dokter (

-> id\_dokter varchar(6) not null,

-> nama\_dokter varchar(25) not null,

-> alamat\_dokter varchar(35) not null);

Query OK, 0 rows affected (0.08 sec)

mysql> create table Tabel\_Pasien;

ERROR 4028 (HY000): A table must have at least one visible column.

mysql> create table Tabel\_Pasien (

-> id\_pasien varchar(9) not null,

->

-> nama\_pasien varchar(25) not null,

-> alamat\_pasien varchar(35) not null);

Query OK, 0 rows affected (0.03 sec)

mysql> create table Tabel\_Periksa (

-> id\_periksa varchar(7) not null,

-> tgl\_periksa date not null,

-> id\_pasien varchar(9) not null);

Query OK, 0 rows affected (0.03 sec)

mysql> desc Tabel\_Dokter;

+---------------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+---------------+-------------+------+-----+---------+-------+

| id\_dokter | varchar(6) | NO | | NULL | |

| nama\_dokter | varchar(25) | NO | | NULL | |

| alamat\_dokter | varchar(35) | NO | | NULL | |

+---------------+-------------+------+-----+---------+-------+

3 rows in set (0.00 sec)

mysql> desc Tabel\_Pasien, desc Tabel\_Periksa;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near ', desc Tabel\_Periksa' at line 1

mysql> desc Tabel\_Pasien, Tabel\_Periksa;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near ', Tabel\_Periksa' at line 1

mysql> desc Tabel\_Pasien;

+---------------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+---------------+-------------+------+-----+---------+-------+

| id\_pasien | varchar(9) | NO | | NULL | |

| nama\_pasien | varchar(25) | NO | | NULL | |

| alamat\_pasien | varchar(35) | NO | | NULL | |

+---------------+-------------+------+-----+---------+-------+

3 rows in set (0.00 sec)

mysql> #3. Buat tabel temp untuk setiap tabel

mysql> create temporary table temp\_dokter

-> select \* from Tabel\_Dokter;

Query OK, 0 rows affected (0.06 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> show tables;

+-------------------+

| Tables\_in\_modul\_5 |

+-------------------+

| tabel\_dokter |

| tabel\_pasien |

| tabel\_periksa |

+-------------------+

3 rows in set (0.00 sec)

mysql> create temporary table temp\_dokter (

-> select \* from Tabel\_Dokter);

ERROR 1050 (42S01): Table 'temp\_dokter' already exists

mysql> select \* from temp\_dokter

-> ;

Empty set (0.00 sec)

mysql> create temporary table temp\_pasien

-> select \* from Tabel\_Pasien;

Query OK, 0 rows affected (0.01 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc temp\_pasien;

+---------------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+---------------+-------------+------+-----+---------+-------+

| id\_pasien | varchar(9) | NO | | NULL | NULL |

| nama\_pasien | varchar(25) | NO | | NULL | NULL |

| alamat\_pasien | varchar(35) | NO | | NULL | NULL |

+---------------+-------------+------+-----+---------+-------+

3 rows in set (0.01 sec)

mysql> create temporary table temp\_periksa

-> select \* from Table\_Periksa;

ERROR 1146 (42S02): Table 'modul\_5.table\_periksa' doesn't exist

mysql> create temporary table temp\_periksa

-> select \* from table\_periksa;

ERROR 1146 (42S02): Table 'modul\_5.table\_periksa' doesn't exist

mysql> show tables;

+-------------------+

| Tables\_in\_modul\_5 |

+-------------------+

| tabel\_dokter |

| tabel\_pasien |

| tabel\_periksa |

+-------------------+

3 rows in set (0.00 sec)

mysql> desc tabel\_periksa;

+-------------+------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+-------------+------------+------+-----+---------+-------+

| id\_periksa | varchar(7) | NO | | NULL | |

| tgl\_periksa | date | NO | | NULL | |

| id\_pasien | varchar(9) | NO | | NULL | |

+-------------+------------+------+-----+---------+-------+

3 rows in set (0.00 sec)

mysql> create temporary table temp\_periksa

-> select \* from tabel\_periksa;

Query OK, 0 rows affected (0.06 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> #4. Menambahkan kolom diantara nama\_pasien dengan alamat\_pasien

mysql> alter table table\_pasien

-> add jenis kelamin char(3) not null

-> after nama\_pasien;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'kelamin char(3) not null

after nama\_pasien' at line 2

mysql> alter table table\_pasien

-> add jenis\_kelamin char(3) not null

-> after nama\_pasien;

ERROR 1146 (42S02): Table 'modul\_5.table\_pasien' doesn't exist

mysql> alter table tabel\_pasien

-> add jenis\_kelamin char(3) not null

-> after nama\_pasien;

Query OK, 0 rows affected (0.03 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc tabel\_pasien;

+---------------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+---------------+-------------+------+-----+---------+-------+

| id\_pasien | varchar(9) | NO | | NULL | |

| nama\_pasien | varchar(25) | NO | | NULL | |

| jenis\_kelamin | char(3) | NO | | NULL | |

| alamat\_pasien | varchar(35) | NO | | NULL | |

+---------------+-------------+------+-----+---------+-------+

4 rows in set (0.00 sec)

mysql> #5. Menambahakan kolom no\_telp pada tabel dokter yang diletakkan sebelah alamat dokter bertipe varchar dengan panjang 15

mysql> alter table tabel\_dokter

-> add no\_telepon varchar(15) not null

-> after alamat\_dokter;

Query OK, 0 rows affected (0.08 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc tabel\_dokter;

+---------------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+---------------+-------------+------+-----+---------+-------+

| id\_dokter | varchar(6) | NO | | NULL | |

| nama\_dokter | varchar(25) | NO | | NULL | |

| alamat\_dokter | varchar(35) | NO | | NULL | |

| no\_telepon | varchar(15) | NO | | NULL | |

+---------------+-------------+------+-----+---------+-------+

4 rows in set (0.00 sec)

mysql> #6. Mengubah alamat\_dokter menjadi almt\_dokter pada tabel\_dokter sembari mengubah data yang tidak wajib diisi.

mysql> alter table tabel\_dokter

-> change alamat\_dokter almt\_dokter varchar(35);

Query OK, 0 rows affected (0.10 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc tabel\_dokter;

+-------------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+-------------+-------------+------+-----+---------+-------+

| id\_dokter | varchar(6) | NO | | NULL | |

| nama\_dokter | varchar(25) | NO | | NULL | |

| almt\_dokter | varchar(35) | YES | | NULL | |

| no\_telepon | varchar(15) | NO | | NULL | |

+-------------+-------------+------+-----+---------+-------+

4 rows in set (0.00 sec)

mysql> #7. Mengubah kolom id\_dokter pada tabel\_dokter, id\_pasien pada tabel\_pasien, id\_periksa pada tabel\_periksa

mysql> alter table tabel\_dokter

-> modify id\_pasien varchar(9) primary key;

ERROR 1054 (42S22): Unknown column 'id\_pasien' in 'tabel\_dokter'

mysql> alter table tabel\_dokter

-> modify id\_dokter varchar(6) primary key;

Query OK, 0 rows affected (0.04 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> alter table tabel\_dokter

-> engine=InnoDB;

Query OK, 0 rows affected (0.08 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc tabel\_dokter;

+-------------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+-------------+-------------+------+-----+---------+-------+

| id\_dokter | varchar(6) | NO | PRI | NULL | |

| nama\_dokter | varchar(25) | NO | | NULL | |

| almt\_dokter | varchar(35) | YES | | NULL | |

| no\_telepon | varchar(15) | NO | | NULL | |

+-------------+-------------+------+-----+---------+-------+

4 rows in set (0.00 sec)

mysql> alter table tabel\_pasien

-> modify id\_pasien varchar(9) primary key

-> engine=InnoDB;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'engine=InnoDB' at line 3

mysql> alter table tabel\_pasien

-> modify id\_pasien varchar(9) primary key and

-> engine=InnoDB;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'and

engine=InnoDB' at line 2

mysql> alter table tabel\_pasien

-> modify id\_pasien varchar(9) primary key

->

->

->

->

->

-> , engine=InnoDB;

Query OK, 0 rows affected (0.05 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> alter table tabel\_periksa

-> modify id\_periksa varchar(7) primary key,

-> engine=InnoDB;

Query OK, 0 rows affected (0.09 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> #8. hubungkan id pasien pada table\_periksa dengan id\_pasien pada table\_pasien

mysql> alter table tabel\_periksa

-> foreign key (id\_pasien) references tabel\_pasien (id\_pasien) on update cascade on delete cascade;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'foreign key (id\_pasien) references tabel\_pasien (id\_pasien) on update cascade on' at line 2

mysql> alter table tabel\_periksa

-> add foreign key (id\_pasien) references tabel\_pasien (id\_pasien) on update cascade on delete cascade;

Query OK, 0 rows affected (0.13 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc tabel\_periksa;

+-------------+------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+-------------+------------+------+-----+---------+-------+

| id\_periksa | varchar(7) | NO | PRI | NULL | |

| tgl\_periksa | date | NO | | NULL | |

| id\_pasien | varchar(9) | NO | MUL | NULL | |

+-------------+------------+------+-----+---------+-------+

3 rows in set (0.00 sec)

mysql> #9. ubah nama tabel\_dokter menjadi Tenaga\_Medis;

mysql> alter table tabel\_dokter

-> rename Tenaga\_Medis;

Query OK, 0 rows affected (0.02 sec)

mysql> show tables;

+-------------------+

| Tables\_in\_modul\_5 |

+-------------------+

| tabel\_pasien |

| tabel\_periksa |

| tenaga\_medis |

+-------------------+

3 rows in set (0.00 sec)

mysql> \q