5.5 Praktikum

5.5.1 Data Definition Language

#1

#2

#3

#4 & #5

```
Command Prompt - mysql -u root -p                                    —   □   ×

A22.2019.02730 => drop table data_diri;
Query OK, 0 rows affected (0.086 sec)

A22.2019.02730 => create table pribadi (kd_pribadi char(3) primary key,panggilan char(4),nama varchar(35),
email varchar(50),sex char(1), UNIQUE (kd_pribadi,panggilan));
Query OK, 0 rows affected (0.048 sec)
```

#6 & #7

```
Command Prompt - mysql -u root -p                                    —   □   ×

A22.2019.02730 => rename table pribadi to data_pribadi;
Query OK, 0 rows affected (0.016 sec)

A22.2019.02730 => alter table data_pribadi add gol_darah char(1);
Query OK, 0 rows affected (0.070 sec)
Records: 0  Duplicates: 0  Warnings: 0
```

#8

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

A22.2019.02730 => desc data_pribadi;
+------------+-------------+------+-----+---------+-------+
| Field      | Type        | Null | Key | Default | Extra |
+------------+-------------+------+-----+---------+-------+
| kd_pribadi | char(3)     | NO   | PRI | NULL    |       |
| panggilan  | char(4)     | YES  |     | NULL    |       |
| nama       | varchar(35) | YES  |     | NULL    |       |
| email      | varchar(50) | YES  |     | NULL    |       |
| sex        | char(1)     | YES  |     | NULL    |       |
| gol_darah  | char(1)     | YES  |     | NULL    |       |
+------------+-------------+------+-----+---------+-------+
6 rows in set (0.041 sec)
```

#9

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

A22.2019.02730 => alter table data_pribadi drop gol_darah;
Query OK, 0 rows affected (0.026 sec)
Records: 0  Duplicates: 0  Warnings: 0

A22.2019.02730 => desc data_pribadi;
+------------+-------------+------+-----+---------+-------+
| Field      | Type        | Null | Key | Default | Extra |
+------------+-------------+------+-----+---------+-------+
| kd_pribadi | char(3)     | NO   | PRI | NULL    |       |
| panggilan  | char(4)     | YES  |     | NULL    |       |
| nama       | varchar(35) | YES  |     | NULL    |       |
| email      | varchar(50) | YES  |     | NULL    |       |
| sex        | char(1)     | YES  |     | NULL    |       |
+------------+-------------+------+-----+---------+-------+
5 rows in set (0.040 sec)
```

5.5.2 Data Manipulation Language

- Buatlah tabel tb_tamu

```
Command Prompt - mysql -u root -p                                                            —   □   ×

A22.2019.02730 => create table tb_tamu (no int(3) primary key, nama varchar(35), alamat varchar(60), email varchar(40),
 no_telepon varchar(15));
Query OK, 0 rows affected (0.038 sec)

A22.2019.02730 => desc tb_tamu;
+------------+-------------+------+-----+---------+-------+
| Field      | Type        | Null | Key | Default | Extra |
+------------+-------------+------+-----+---------+-------+
| no         | int(3)      | NO   | PRI | NULL    |       |
| nama       | varchar(35) | YES  |     | NULL    |       |
| alamat     | varchar(60) | YES  |     | NULL    |       |
| email      | varchar(40) | YES  |     | NULL    |       |
| no_telepon | varchar(15) | YES  |     | NULL    |       |
+------------+-------------+------+-----+---------+-------+
5 rows in set (0.040 sec)
```

#1, #2 & #3

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

A22.2019.02730 => insert into tb_tamu values('1','Boi trimoyo','ujung berung','bo_i77@yahoo.com','085613548789');
Query OK, 1 row affected (0.003 sec)

A22.2019.02730 => update tb_tamu set nama='irfan nurhudin' where nama="Boi trimoyo";
Query OK, 1 row affected (0.005 sec)
Rows matched: 1  Changed: 1  Warnings: 0

A22.2019.02730 => select * from tb_tamu;
+----+----------------+--------------+------------------+--------------+
| no | nama           | alamat       | email            | no_telepon   |
+----+----------------+--------------+------------------+--------------+
|  1 | irfan nurhudin | ujung berung | bo_i77@yahoo.com | 085613548789 |
+----+----------------+--------------+------------------+--------------+
1 row in set (0.001 sec)
```

#4 , #5 & #6

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

A22.2019.02730 => insert into tb_tamu values('2','Wasmul','Jatimulyo','boy@gmail.com','084567897890');
Query OK, 1 row affected (0.002 sec)

A22.2019.02730 => insert into tb_tamu values('3','Sumarno','Surodadi','man@ymail.com','0824698235578');
Query OK, 1 row affected (0.002 sec)

A22.2019.02730 => insert into tb_tamu values('4','Sukamto','Kradenan','doi@gmail.com','083648763845');
Query OK, 1 row affected (0.002 sec)

A22.2019.02730 => delete from tb_tamu where no='4';
Query OK, 1 row affected (0.003 sec)

A22.2019.02730 => select no, nama, alamat from tb_tamu;
+----+----------------+--------------+
| no | nama           | alamat       |
+----+----------------+--------------+
|  1 | irfan nurhudin | ujung berung |
|  2 | Wasmul         | Jatimulyo    |
|  3 | Sumarno        | Surodadi     |
+----+----------------+--------------+
3 rows in set (0.001 sec)
```

#7 , #8 & #9

Command Prompt - mysql -u root -p

```
A22.2019.02730 => select * from tb_tamu where alamat='Kradenan';
Empty set (0.001 sec)

A22.2019.02730 => select * from tb_tamu where nama like '%su%';
+----+---------+----------+---------------+----------------+
| no | nama    | alamat   | email         | no_telepon     |
+----+---------+----------+---------------+----------------+
|  3 | Sumarno | Surodadi | man@ymail.com | 0824698235578  |
+----+---------+----------+---------------+----------------+
1 row in set (0.001 sec)

A22.2019.02730 => select * from tb_tamu order by nama;
+----+----------------+---------------+------------------+----------------+
| no | nama           | alamat        | email            | no_telepon     |
+----+----------------+---------------+------------------+----------------+
|  1 | irfan nurhudin | ujung berung  | bo_i77@yahoo.com | 085613548789   |
|  3 | Sumarno        | Surodadi      | man@ymail.com    | 0824698235578  |
|  2 | Wasmui         | Jatimulyo     | boy@gmail.com    | 084567897890   |
+----+----------------+---------------+------------------+----------------+
3 rows in set (0.001 sec)
```

5.5.3 Data Control Language