

**FUNDAMENTAL DBMS**  
**ACTIVITY PERTEMUAN 3**  
**(MySQL DATA MANIPULATION LANGUAGE (DML))**  
**LEMBAR JAWABAN**

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Hari / Tanggal : Rabu, 13 April 2022

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1. Buat tabel dengan nama “nasabah” pada database yang tersedia atau database baru dengan spesifikasi sebagai berikut : (10 point)

```
SelectXAMPP for Windows - mysql -u root

14 rows in set (0.00 sec)

mysql> use nasabah;
Database changed
mysql> create table nasabah (
  -> no_rek varchar(15) primary key,
  -> nama varchar(15),
  -> alamat varchar(20),
  -> no_telp varchar(12),
  -> no_telp varchar(12);
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 '' at line 6
mysql> create table nasabah1 (
  -> no_rek varchar(15) primary key,
  -> nama varchar(15),
  -> alamat varchar(20),
  -> no_telp varchar(12),
  -> tgl_lahir varchar(12));
Query OK, 0 rows affected (0.03 sec)

mysql> desck nasabah1;
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 'desck nasabah1' at line 1
mysql> describe nasabah
-> ;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| no_rek | varchar(15) | NO | PRI | NULL | |
| nama | varchar(15) | YES | | NULL | |
| alamat | varchar(20) | YES | | NULL | |
| no_telp | varchar(12) | YES | | NULL | |
| tgl_lahir | varchar(12) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.02 sec)
```

2. Isikan 5 record baru dengan lengkap pada semua field – field tersebut. Pada table tersebut dengan data dengan contoh sebagai berikut : (20 point)

```
SelectXAMPP for Windows - mysql -u root

+-----+-----+-----+-----+-----+-----+
5 rows in set (0.02 sec)

mysql> insert into nasabah
  -> values ('121763456','Razbie','Jakarta','0218000063','04/05/2010'),
  -> ('1121763466','Riyandi','Depok','082120880001','10/03/2011'),
  -> ('121863467','Rizki Hendro','Jakarta','081299300021','11/10/2010'),
  -> ('121864287','Dina Widiana','Cirebon','082199930212','01/10/2010'),
  -> ('124536534','Anggi Rianti','Cilandak','0219382882','19/09/2010');
Query OK, 5 rows affected (0.00 sec)
Records: 5 Duplicates: 0 Warnings: 0

mysql> describe nasabah
-> ;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| no_rek | varchar(15) | NO | PRI | NULL | |
| nama | varchar(15) | YES | | NULL | |
| alamat | varchar(20) | YES | | NULL | |
| no_telp | varchar(12) | YES | | NULL | |
| tgl_lahir | varchar(12) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.01 sec)

mysql> select * from nasabah;
+-----+-----+-----+-----+-----+
| no_rek | nama | alamat | no_telp | tgl_lahir |
+-----+-----+-----+-----+-----+
| 1121763466 | Riyandi | Depok | 082120880001 | 10/03/2011 |
| 121763456 | Razbie | Jakarta | 0218000063 | 04/05/2010 |
| 121863467 | Rizki Hendro | Jakarta | 081299300021 | 11/10/2010 |
| 121864287 | Dina Widiana | Cirebon | 082199930212 | 01/10/2010 |
| 124536534 | Anggi Rianti | Cilandak | 0219382882 | 19/09/2010 |
+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

3. Tambahkan 1 record hanya untuk field "no\_rek" dan "nama\_nasabah" dengan isi field = 123234564, Intan (10 point)

```
mysql> select * from nasabah;
```

no_rek	nama	alamat	no_telp	tgl_lahir
1121763466	Riyandi	Depok	082120880001	10/03/2011
121763456	Razbie	Jakarta	0218000063	04/05/2010
121863467	Rizki Hendro	Jakarta	081299300021	11/10/2010
121864287	Dina Widiana	Cirebon	082199930212	01/10/2010
124536534	Anggi Rianti	Cilandak	0219382882	19/09/2010

```
mysql> insert into nasabah (no_rek,nama) values (123234564,Intan);
ERROR 1054 (42S22): Unknown column 'Intan' in 'field list'
mysql> insert into nasabah (no_rek,nama) values (123234564,Intan);
ERROR 1054 (42S22): Unknown column 'Intan' in 'field list'
mysql> insert into nasabah (no_rek,nama) values ('123234564','Intan');
Query OK, 1 row affected (0.00 sec)

mysql> select * from nasabah;
```

no_rek	nama	alamat	no_telp	tgl_lahir
1121763466	Riyandi	Depok	082120880001	10/03/2011
121763456	Razbie	Jakarta	0218000063	04/05/2010
121863467	Rizki Hendro	Jakarta	081299300021	11/10/2010
121864287	Dina Widiana	Cirebon	082199930212	01/10/2010
123234564	Intan	NULL	NULL	NULL
124536534	Anggi Rianti	Cilandak	0219382882	19/09/2010

4. Tampilkan record dari table "nasabah" dimana "no\_rek" = 124536534 (10 point)

```
mysql> select * from nasabah;
```

no_rek	nama	alamat	no_telp	tgl_lahir
1121763466	Riyandi	Depok	082120880001	10/03/2011
121763456	Razbie	Jakarta	0218000063	04/05/2010
121863467	Rizki Hendro	Jakarta	081299300021	11/10/2010
121864287	Dina Widiana	Cirebon	082199930212	01/10/2010
123234564	Intan	NULL	NULL	NULL
124536534	Anggi Rianti	Cilandak	0219382882	19/09/2010

5. Lakukan perubahan untuk "no\_rek" 124536534 menjadi "124537891" (10 point)

```
mysql> update nasabah set no_rek='124537891' where no_rek='124536534';
Query OK, 1 row affected (0.00 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> select * from nasabah;
```

no_rek	nama	alamat	no_telp	tgl_lahir
1121763466	Riyandi	Depok	082120880001	10/03/2011
121763456	Razbie	Jakarta	0218000063	04/05/2010
121863467	Rizki Hendro	Jakarta	081299300021	11/10/2010
121864287	Dina Widiana	Cirebon	082199930212	01/10/2010
123234564	Intan	NULL	NULL	NULL
124537891	Anggi Rianti	Cilandak	0219382882	19/09/2010

6. Hapus record dimana “no\_rek” = 121863467 (10 point)

```
mysql> delete from nasabah where no_rek='121863467';
Query OK, 1 row affected (0.00 sec)

mysql> select * from nasabah;
```

no_rek	nama	alamat	no_telp	tgl_lahir
1121763466	Riyandi	Depok	082120880001	10/03/2011
121763456	Razbie	Jakarta	0218000063	04/05/2010
121864287	Dina Widiana	Cirebon	082199930212	01/10/2010
123234564	Intan	NULL	NULL	NULL
124537891	Anggi Rianti	Cilandak	0219382882	19/09/2010

```
5 rows in set (0.00 sec)
```

7. Hapus record dimana “no\_rek” = 121863467 (10 point)

```
mysql> delete from nasabah where no_rek='121863467';
Query OK, 1 row affected (0.00 sec)

mysql> select * from nasabah;
```

no_rek	nama	alamat	no_telp	tgl_lahir
1121763466	Riyandi	Depok	082120880001	10/03/2011
121763456	Razbie	Jakarta	0218000063	04/05/2010
121864287	Dina Widiana	Cirebon	082199930212	01/10/2010
123234564	Intan	NULL	NULL	NULL
124537891	Anggi Rianti	Cilandak	0219382882	19/09/2010

```
5 rows in set (0.00 sec)
```

8. Lakukan perubahan pada “no\_telp” = 0219382882 menjadi 081298999000 (10 point)

```
Select XAMPP for Windows - mysql -u root
Rows matched: 0  Changed: 0  Warnings: 0

mysql> update nasabah set no_telp='081298999000' where no_telp='0219382882';
Query OK, 1 row affected (0.00 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> select * from nasabah;
```

no_rek	nama	alamat	no_telp	tgl_lahir
1121763466	Riyandi	Depok	082120880001	10/03/2011
121763456	Razbie	Jakarta	0218000063	04/05/2010
121864287	Dina Widiana	Cirebon	082199930212	01/10/2010
123234564	Intan	NULL	NULL	NULL
124537891	Anggi Rianti	Cilandak	081298999000	19/09/2010

```
5 rows in set (0.00 sec)

mysql>
mysql>
```

9. Tampilkan semua record hasil latihan 1-7 (10 point)

```
14 rows in set (0.00 sec)

mysql> use nasabah;
Database changed
mysql> create table nasabah (
-> no_rek varchar(15) primary key,
-> nama varchar(15),
-> alamat varchar(20),
-> no_telp varchar(12),
-> no_telp varchar(12);
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 '' at line 6
mysql> create table nasabah1 (
-> no_rek varchar(15) primary key,
-> nama varchar(15),
-> alamat varchar(20),
-> no_telp varchar(12),
-> tgl_lahir varchar(12));
Query OK, 0 rows affected (0.03 sec)

mysql> desck nasabah1;
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 'desck nasabah1' at line 1
mysql> describe nasabah
-> ;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| no_rek | varchar(15) | NO | PRI | NULL | |
| nama | varchar(15) | YES | | NULL | |
| alamat | varchar(20) | YES | | NULL | |
| no_telp | varchar(12) | YES | | NULL | |
| tgl_lahir | varchar(12) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.02 sec)

mysql> insert into nasabah
-> values ('121763456','Razbie','Jakarta','0218000063','04/05/2010'),
-> ('1121763466','Riyandi','Depok','082120880001','10/03/2011'),
-> ('121863467','Rizki Hendro','Jakarta','081299300021','11/10/2010'),
-> ('121864287','Dina Widiana','Cirebon','082199930212','01/10/2010'),
-> ('124536534','Anggi Rianti','Cilandak','0219382882','19/09/2010');
Query OK, 5 rows affected (0.00 sec)
Records: 5 Duplicates: 0 Warnings: 0

mysql> describe nasabah
-> ;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| no_rek | varchar(15) | NO | PRI | NULL | |
| nama | varchar(15) | YES | | NULL | |
| alamat | varchar(20) | YES | | NULL | |
| no_telp | varchar(12) | YES | | NULL | |
| tgl_lahir | varchar(12) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.01 sec)

mysql> select * from nasabah;
+-----+-----+-----+-----+-----+
| no_rek | nama | alamat | no_telp | tgl_lahir |
+-----+-----+-----+-----+-----+
| 1121763466 | Riyandi | Depok | 082120880001 | 10/03/2011 |
```

```
mysql> select * from nasabah;
```

no_rek	nama	alamat	no_telp	tgl_lahir
1121763466	Riyandi	Depok	082120880001	10/03/2011
121763456	Razbie	Jakarta	0218000063	04/05/2010
121863467	Rizki Hendro	Jakarta	081299300021	11/10/2010
121864287	Dina Widiana	Cirebon	082199930212	01/10/2010
124536534	Anggi Rianti	Cilandak	0219382882	19/09/2010

```
5 rows in set (0.00 sec)

mysql> insert into nasabah (no_rek,nama) values (123234564,Intan)
-> ;
ERROR 1054 (42S22): Unknown column 'Intan' in 'field list'
mysql> insert into nasabah (no_rek,nama) values (123234564,Intan);
ERROR 1054 (42S22): Unknown column 'Intan' in 'field list'
mysql> insert into nasabah (no_rek,nama) values ('123234564','Intan');
Query OK, 1 row affected (0.00 sec)

mysql> select * from nasabah;
```

no_rek	nama	alamat	no_telp	tgl_lahir
1121763466	Riyandi	Depok	082120880001	10/03/2011
121763456	Razbie	Jakarta	0218000063	04/05/2010
121863467	Rizki Hendro	Jakarta	081299300021	11/10/2010
121864287	Dina Widiana	Cirebon	082199930212	01/10/2010
123234564	Intan	NULL	NULL	NULL
124536534	Anggi Rianti	Cilandak	0219382882	19/09/2010

```
6 rows in set (0.00 sec)

mysql> update nasabah set no_rek='124536534' where no_rek='124537891'
-> ;
Query OK, 0 rows affected (0.00 sec)
Rows matched: 0 Changed: 0 Warnings: 0

mysql> update nasabah set no_rek='124536534' where no_rek='124537891';
Query OK, 0 rows affected (0.00 sec)
Rows matched: 0 Changed: 0 Warnings: 0

mysql> select * from nasabah;
```

no_rek	nama	alamat	no_telp	tgl_lahir
1121763466	Riyandi	Depok	082120880001	10/03/2011
121763456	Razbie	Jakarta	0218000063	04/05/2010
121863467	Rizki Hendro	Jakarta	081299300021	11/10/2010
121864287	Dina Widiana	Cirebon	082199930212	01/10/2010
123234564	Intan	NULL	NULL	NULL
124536534	Anggi Rianti	Cilandak	0219382882	19/09/2010

```
6 rows in set (0.00 sec)

mysql> update nasabah set no_rek='124537891' where no_rek='124536534';
Query OK, 1 row affected (0.00 sec)
Rows matched: 1 Changed: 1 Warnings: 0

mysql> select * from nasabah;
```

no_rek	nama	alamat	no_telp	tgl_lahir
--------	------	--------	---------	-----------

**BUKTI KEHADIRAN:**

Google Meet - vrc-sogx-cfh

Select Command Prompt - mysql -u root

```
phpmyadmin
test
website
-----+
9 rows in set (0.480 sec)

MariaDB [(none)]> use bank_10119434;
Database changed
MariaDB [bank_10119434]> CREATE TABLE NASABAH(No_rek VARCHAR(15) NOT NULL PRIMARY KEY, Nama VARCHAR(15), Alamat VARCHAR(20), No_Telp VARCHAR(12), Tgl_lahir VARCHAR(12));
Query OK, 0 rows affected (0.856 sec)

MariaDB [bank_10119434]> DESC NASABAH;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| No_rek | varchar(15) | NO | PRI | NULL | |
| Nama | varchar(15) | YES | | NULL | |
| Alamat | varchar(20) | YES | | NULL | |
| No_Telp | varchar(12) | YES | | NULL | |
| Tgl_lahir | varchar(12) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.141 sec)

MariaDB [bank_10119434]> INSERT INTO NASABAH VALUES('121763456', 'Razbie', 'Jakarta', '0218000063', '04/05/2010'), ('121763466', 'Riyando', 'Depok', '082129880001', '10/03/2011'), ('121863467', 'Rizki Hendro', 'Jakarta', '0821299300021', '11/10/2010'), ('121864287', 'Dina Widiana', 'Cirebon', '082199930212', '01/10/2010'), ('124536534', 'Anggi Rianti', 'Cilandak', '0219382882', '19/09/2010');
Query OK, 5 rows affected (0.721 sec)
Records: 5 Duplicates: 0 Warnings: 0

MariaDB [bank_10119434]> SELECT * FROM NASABAH;
+-----+-----+-----+-----+-----+
| No_rek | Nama | Alamat | No_Telp | Tgl_lahir |
+-----+-----+-----+-----+-----+
| 121763456 | Razbie | Jakarta | 0218000063 | 04/05/2010 |
| 121763466 | Riyando | Depok | 082129880001 | 10/03/2011 |
| 121863467 | Rizki Hendro | Jakarta | 0821299300021 | 11/10/2010 |
| 121864287 | Dina Widiana | Cirebon | 082199930212 | 01/10/2010 |
| 124536534 | Anggi Rianti | Cilandak | 0219382882 | 19/09/2010 |
+-----+-----+-----+-----+-----+
5 rows in set (0.001 sec)
```

Aldila Rohman

M Alfin Fatahillah

11A15\_Ferdiansyah A...

IZMI NABILAH ISNAINI

1KA14\_M. Raihan Gu...

11A14\_Najya Anara P...

33 lainnya

Anda

16.25 | vrc-sogx-cfh

16:25

13/04/2022