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

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

```
👞 Select XAMPP for Windows - mysql -u root
l4 rows in set (0.00 sec)
nysql> use nasabah;
atabase changed
nysql> create table nasabah (
-> no_rek varchar(15) primary key,
-> nama varchar(15);
-> alamat varchar(20);
-> no_telp varchar(12);
-> no_telp varchar(12);
-> no_telp varchar(12);
RRROR 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
     -> nama varchar(15),
for the right syntax to use near ''a
nysql> create table nasabah1 (
-> no_rek varchar(15) primary key,
     -> nama varchar(15),
-> alamat varchar(20),
     -> no_telp varchar(12),
-> tgl_lahir varchar(12))
 uery OK, 0 rows affected (0.03 sec)
wsal> desck nasabah1:
RROR 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
ysql> describe nasabah
 Field
                  | Type
                                          Null | Key | Default | Extra |
                     varchar(15)
varchar(15)
varchar(20)
 no_rek
  nama
 alamat
                                           YES
                                                                 NULL
 no_telp
tgl_lahir
                     varchar(12)
varchar(12)
                                           YES
                                                                 NULL
                                           YES
                                                                 NULL
  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)

```
👞 Select XAMPP for Windows - mysql -u root
  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
 nysql> insert into nasabah
 nvsql> describe nasabah
   Field
                                             | Null | Key
                                                                      Default | Extra
                    | Type
                        varchar(15)
varchar(15)
varchar(20)
varchar(12)
   no rek
                                                NO
                                                            PRT
                                                                       NULL
                                                YES
   nama
                                                                       NULL
   alamat
   tgl_lahir
                        varchar(12)
                                                                       NULL
   rows in set (0.01 sec)
 ysql> select * from nasabah;
   no_rek
                      nama
                                                 | alamat
                                                                    | no_telp
                                                                                                tgl_lahir
   1121763466
                         Rivandi
                                                                                                 10/03/2011
                                                    Depok
                                                                       082120880001
   121763456
                         Razbie
                                                    Jakarta
                                                                       0218000063
                                                                                                 04/05/2010
                                                                                                 11/10/2010
01/10/2010
   121863467
                         Rizki Hendro
                                                    Jakarta
                                                                       081299300021
                         Dina Widiana
Anggi Rianti
   121864287
                                                    Cirebon
                                                                       082199930212
                                                   Cilandak
                                                                       0219382882
   124536534
                                                                                                 19/09/2010
   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)

```
👊 Select XAMPP for Windows - mysql -u root
nysql> select * from nasabah;
 no_rek
               nama
                                 alamat
                                            | no_telp
                                                              tgl_lahir
 1121763466
                                              082120880001
                                                               10/03/2011
                Riyandi
                                 Depok
                                                               04/05/2010
11/10/2010
 121763456
                Razbie
                                 Jakarta
                                              0218000063
                Rizki Hendro
 121863467
                                 Jakarta
                                              081299300021
 121864287
                Dina Widiana
                                 Cirebon
                                              082199930212
                                                               01/10/2010
                Anggi Rianti
 124536534
                                 Cilandak
                                              0219382882
                                                               19/09/2010
 rows in set (0.00 sec)
ysql> insert into nasabah (no_rek,nama) values (123234564,Intan)
RROR 1054 (42522): Unknown column 'Intan' in 'field list
nysql> insert into nasabah (no_rek,nama) values (123234564,Intan);
ERROR 1054 (42522): Unknown column 'Intan' in 'field list'
nysql> insert into nasabah (no_rek,nama) values ('123234564','Intan');
Query OK, 1 row affected (0.00 sec)
nysql> select * from nasabah;
                                                             | tgl_lahir
 no rek
                               | alamat
                                           | no_telp
                                                               10/03/2011
04/05/2010
 1121763466
                Riyandi
                                 Depok
                                              082120880001
 121763456
               Razbie
Rizki Hendro
                                 Jakarta
                                              0218000063
                                             081299300021
                                                               11/10/2010
 121863467
                                 Jakanta
                                 Cirebon
 121864287
                                                               01/10/2010
                Dina Widiana
                                             082199930212
 123234564
                Intan
                                                               NULL
                Anggi Rianti
                                              0219382882
                                 Cilandak
                                                               19/09/2010
  124536534
 rows in set (0.00 sec)
```

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

```
mysql> select * from nasabah;
                                alamat
                                            no telp
                                                           tgl_lahir
  no_rek
                nama
  1121763466
                Riyandi
                                Depok
                                            082120880001
                                                            10/03/2011
  121763456
                Razbie
                                Jakarta
                                                            04/05/2010
                                            0218000063
                Rizki Hendro
                                            081299300021
                                                            11/10/2010
                                Jakarta
  121863467
                Dina Widiana
  121864287
                                Cirebon
                                            082199930212
                                                            01/10/2010
  123234564
                                NULL
                                            NULL
                                                            NULL
                Intan
                                Cilandak
  124536534
                Anggi Rianti
                                            0219382882
                                                            19/09/2010
6 rows in set (0.00 sec)
```

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:
                                                          tgl lahir
 no rek
               nama
                               alamat
                                          no_telp
  1121763466
               Riyandi
                               Depok
                                           082120880001
                                                           10/03/2011
               Razbie
  121763456
                               Jakarta
                                           0218000063
                                                          04/05/2010
               Rizki Hendro
  121863467
                               Jakarta
                                           081299300021
                                                           11/10/2010
                               Cirebon
               Dina Widiana
  121864287
                                           082199930212
                                                          01/10/2010
  123234564
               Intan
                               NULL
                                          NULL
                                                          NULL
  124537891
                              Cilandak
                                          0219382882
                                                          19/09/2010
               Anggi Rianti
 rows in set (0.00 sec)
```

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;
                                                          tgl lahir
  no rek
               nama
                               alamat
                                           no telp
               Riyandi
                                           082120880001
                                                           10/03/2011
  1121763466
                               Depok
               Razbie
                               Jakarta
                                                           04/05/2010
  121763456
                                           0218000063
               Dina Widiana
                               Cirebon
                                           082199930212
                                                           01/10/2010
  121864287
  123234564
               Intan
                               NULL
                                                           NULL
                                           NULL
                               Cilandak
                                                           19/09/2010
  124537891
               Anggi Rianti
                                           0219382882
 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
                              alamat
                                          no_telp
                                                          tgl_lahir
               nama
  1121763466
               Rivandi
                               Depok
                                           082120880001
                                                           10/03/2011
               Razbie
                               Jakarta
                                                          04/05/2010
  121763456
                                           0218000063
               Dina Widiana
                               Cirebon
                                           082199930212
                                                          01/10/2010
  121864287
                               NULL
                                                          NULL
  123234564
               Intan
                                           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> s<mark>elect * from</mark> nasabah;
 no rek
               nama
                                 alamat
                                             | no telp
                                                               | tgl lahir
  1121763466
                 Riyandi
                                               082120880001
                                                                 10/03/2011
                                  Depok
  121763456
121864287
                 Razbie
Dina Widiana
                                   Jakarta
                                               0218000063
                                                                 04/05/2010
                                  Cirebon
                                               082199930212
                                                                 01/10/2010
  123234564
                                               NULL
                 Intan
  124537891
                 Anggi Rianti
                                               081298999000
                                                                 19/09/2010
 rows in set (0.00 sec)
mysql>
nysql>
```

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

```
4 rows in set (0.00 sec)
nysql> use nasabah;
Database changed
nysql> create table nasabah (
-> no_rek varchar(15) primary key,
-> nama varchar(15),
      -> alamat varchar(20),
      -> no_telp varchar(12),
-> no_telp varchar(12);
-7 No_telp varenar(12),

ERROR 1864 (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 
nysql> create table nasabah1 (
      -> no_rek varchar(15) primary key,
      -> nama varchar(15),
      -> alamat varchar(20),
      -> no_telp varchar(12),
-> tgl_lahir varchar(12));
uery OK, 0 rows affected (0.03 sec)
nysql> desck nasabah1;
FROR 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
nysql> describe nasabah
  Field
                   | Type
                                            | Null | Key | Default | Extra |
                      varchar(15)
varchar(15)
varchar(20)
varchar(12)
varchar(12)
  no_rek
                                                            PRI
  nama
  alamat
  no_telp
  tgl_lahir
                                               YES
                                                                      NULL
  rows in set (0.02 sec)
nysal> insert into nasabah
nysql> 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
nvsal> describe nasabah
                                            | Null | Key | Default | Extra |
  Field
                    Type
                      varchar(15)
varchar(15)
varchar(20)
varchar(12)
varchar(12)
  no_rek
                                                                       NULL
                                                                       NULL
  alamat
  no_telp
                                                                      NULL
  tgl_lahir
                                                                      NULL
  rows in set (0.01 sec)
 ysql> select * from nasabah;
                                                                                              | tgl_lahir
                                                | alamat
                                                                   | no_telp
  1121763466 | Riyandi
                                                Depok
                                                                    | 082120880001 | 10/03/2011 |
```

```
nysql> s<mark>elect * from</mark> nasabah;
 no_rek
                            alamat
                                       | no_telp
                                                      | tgl_lahir
             nama
 1121763466
              Riyandi
                             Depok
                                        082120880001 | 10/03/2011
                                                        04/05/2010
 121763456
              Razbie
                              Jakarta
                                         0218000063
                                                        11/10/2010
 121863467
              Rizki Hendro
                            Jakarta
                                        081299300021
                                         082199930212
 121864287
              Dina Widiana
                             Cirebon
                                                        01/10/2010
 124536534
             | Anggi Rianti | Cilandak
                                       0219382882
                                                        19/09/2010
 rows in set (0.00 sec)
mysql> insert into nasabah (no_rek,nama) values (123234564,Intan)
ERROR 1054 (42522): Unknown column 'Intan' in 'field list'
mysql> insert intó 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;
                            | alamat | no_telp
                                                      | tgl_lahir
 no_rek
             nama
                                       | 082120880001 | 10/03/2011
 1121763466
              Riyandi
                             Depok
 121763456
              Razbie
                                                        04/05/2010
                              Jakarta
                                         0218000063
 121863467
              Rizki Hendro
                              Jakarta
                                         081299300021
                                                        11/10/2010
                                                        01/10/2010
              Dina Widiana
                                        082199930212
 121864287
                             Cirebon
 123234564
                             NULL
                                                        NULL
              Intan
                                         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'
Ouery 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_telp
                                                      | tgl_lahir
 no_rek
            nama
                            alamat
 1121763466
              Riyandi
                                        082120880001 | 10/03/2011
                             Depok
              Razbie
                                         0218000063
                                                        04/05/2010
 121763456
                              Jakarta
 121863467
              Rizki Hendro
                              Jakarta
                                         081299300021
                                                        11/10/2010
                                                        01/10/2010
              Dina Widiana
                                         082199930212
 121864287
                             Cirebon
 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;
                                                      | tgl_lahir
 no_rek
             lnama
                            alamat
                                       no_telp
```

```
Query OK, 1 row affected (0.00 sec)
Rows matched: 1 Changed: 1 Warnings: 0
mysql> select * from nasabah;
                                                                               | tgl_lahir
  no_rek
                   nama
                                         alamat
                                                        | no_telp
                                                            082120880001
   1121763466
                     Riyandi
                                           Depok
                                                                                  10/03/2011
                                            Jakarta
                                                                                 04/05/2010
   121763456
                     Razbie
                                                            0218000063
                     Rizki Hendro
   121863467
                                            Jakarta
                                                            081299300021
                                                                                 11/10/2010
                                                            082199930212
                                                                                 01/10/2010
   121864287
                     Dina Widiana
                                           Cirebon
   123234564
                                           NULL
                                                            NULL
                                                                                 NULL
                     Intan
   124537891
                     Anggi Rianti
                                                            0219382882
                                                                                 19/09/2010
                                           Cilandak
  rows in set (0.00 sec)
 nysql> delet from nasabah where no_rek='121863467'
->;
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 'delet from nasabah where no_rek='121863467' at line 1
'mysql> delet from nasabah where no_rek='121863467';
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server versior for the right syntax to use near 'delet from nasabah where no_rek='121863467'' at line 1
mysql> delete from nasabah where no_rek='121863467';
Ouery OK 1 row affected (8 00 sec)
Query OK, 1 row affected (0.00 sec)
 nysql> select * from nasabah;
                                         | alamat
  no rek
                                                        | no_telp
                                                                               | tgl lahir
                   Inama
   1121763466
                                                            082120880001
                                                                                 10/03/2011
                     Rivandi
                                           Depok
   121763456
                                            Jakarta
                                                            0218000063
                                                                                 04/05/2010
                     Razbie
                                                                                 01/10/2010
   121864287
                     Dina Widiana
                                            Cirebon
                                                            082199930212
   123234564
                     Anggi Rianti
                                                            0219382882
                                                                                 19/09/2010
   124537891
                                           Cilandak
  rows in set (0.00 sec)
mysql> update nasabah set no_rek='124537891' where no_rek='121863467';
Query OK, 0 rows affected (0.00 sec)
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
                                         | alamat
                                                                               | tgl lahir
                   l nama
                                                        | no telp
   1121763466
                     Riyandi
                                                            082120880001
                                                                                  10/03/2011
                                           Depok
   121763456
                                           Jakarta
                                                            0218000063
                                                                                  04/05/2010
                     Razbie
   121864287
                                                            082199930212
                                                                                 01/10/2010
                     Dina Widiana
                                            Cirebon
   123234564
                                            NULL
   124537891
                     Anggi Rianti
                                           Cilandak
                                                            081298999000
                                                                                 19/09/2010
  rows in set (0.00 sec)
 nysql> 🕳
```

## **BUKTI KEHADIRAN:**

