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Kelas : C

Modul 5

D. LANGKAH-LANGKAH PRAKTIKUM

5. Kemudian masukkan data-data berikut ini kedalam data base perbankan

```
C:\WINDOWS\system32\cmd.exe - type <test.p
18 rows in set (0.00 sec)

mysql> select*from nasabah;
+-----+-----+-----+
| id_nasabah | nama_nasabah | alamat_nasabah |
+-----+-----+-----+
| 1 | Sofyan | Jl. Jendral Sudirman 12 |
| 2 | Paryati | 25, RT. Margono 11 |
| 3 | Susanto | 21, Melawati 41 |
| 4 | Kartika Padmasari | 21, Manggis 23 |
| 5 | Ruli Eko Prapito | 21, Kertili 36 |
| 6 | Fatma Eka Jaya | 21, Slamet Riyadi 49 |
| 7 | Indri Hapsari | 23, Setopo 1 |
| 8 | Auli Nurli | 23, Ronggowaluyo 12 |
| 9 | Yulia Lukmanita | 23, Tidar 30 |
| 10 | Ruli Hartono | 21, Merak 22 |
+-----+-----+-----+

18 rows in set (0.00 sec)

mysql> select*from cabang_bank;
+-----+-----+-----+
| kode_cabang | nama_cabang | alamat_cabang |
+-----+-----+-----+
| 0000 | Bank Bkt Unit Bantul | 23, Ahmad Yani 45 |
| 0004 | Bank Bkt Unit Klaten | 21, Suropan 22 |
| 0005 | Bank Bkt Unit Magelang | 22, S.Tembak 43 |
| 0006 | Bank Bkt Unit Surakarta | 21, Slamet Riyadi 18 |
| 0009 | Bank Bkt Unit Mangrove | 21, Jantung Schramati 12 |
| 0007 | Bank Bkt Unit Yogyakarta | 21, Angren 21 |
+-----+-----+-----+

18 rows in set (0.00 sec)

mysql> select*from rekening;
+-----+-----+-----+-----+
| no_rekening | kode_cabang | pin | saldo |
+-----+-----+-----+-----+
| 101 | 0000 | 2222 | 500000 |
| 102 | 0000 | 2222 | 100000 |
| 103 | 0000 | 3333 | 700000 |
| 104 | 0000 | 4444 | 300000 |
| 105 | 0004 | 5555 | 200000 |
| 106 | 0005 | 6666 | 300000 |
| 107 | 0005 | 7777 | 100000 |
| 108 | 0006 | 8888 | 300000 |
| 109 | 0006 | 9999 | 0 |
| 110 | 0009 | 1234 | 200000 |
| 111 | 0009 | 4321 | 150000 |
| 112 | 0009 | 6712 | 300000 |
| 113 | 0009 | 8888 | 250000 |
+-----+-----+-----+-----+

13 rows in set (0.00 sec)

mysql> select*from nasabah_has_rekening;
+-----+-----+
| id_nasabah | no_rekening |
+-----+-----+
| 1 | 101 |
| 2 | 102 |
| 3 | 103 |
| 4 | 104 |
| 4 | 105 |
| 4 | 106 |
| 5 | 107 |
| 6 | 108 |
| 7 | 111 |
| 8 | 112 |
| 9 | 113 |
| 10 | 109 |
| 10 | 113 |
+-----+-----+

13 rows in set (0.00 sec)

mysql> select*from transaksi;
+-----+-----+-----+-----+-----+-----+
| no_transaksi | id_nasabah | no_rekening | jenis_transaksi | tanggal | jumlah |
+-----+-----+-----+-----+-----+-----+
| 1 | 1 | 101 | debit | 2009-11-18 00:00:00 | 50000 |
| 2 | 2 | 102 | debit | 2009-11-18 00:00:00 | 40000 |
| 3 | 4 | 101 | kredit | 2009-11-12 00:00:00 | 20000 |
| 4 | 1 | 106 | debit | 2009-11-13 00:00:00 | 50000 |
| 5 | 5 | 107 | kredit | 2009-12-13 00:00:00 | 30000 |
| 6 | 1 | 104 | kredit | 2009-11-13 00:00:00 | 20000 |
| 7 | 9 | 110 | kredit | 2009-11-23 00:00:00 | 200000 |
| 8 | 5 | 102 | debit | 2009-11-16 00:00:00 | 200000 |
| 9 | 1 | 105 | kredit | 2009-11-18 00:00:00 | 50000 |
| 10 | 4 | 107 | debit | 2009-11-18 00:00:00 | 100000 |
| 11 | 2 | 103 | debit | 2009-11-18 00:00:00 | 100000 |
| 12 | 1 | 104 | debit | 2009-11-18 00:00:00 | 50000 |
| 13 | 4 | 107 | kredit | 2009-11-28 00:00:00 | 100000 |
| 14 | 1 | 105 | debit | 2009-11-21 00:00:00 | 40000 |
| 15 | 1 | 106 | kredit | 2009-11-22 00:00:00 | 100000 |
| 16 | 4 | 107 | kredit | 2009-11-22 00:00:00 | 20000 |
| 17 | 2 | 102 | debit | 2009-11-22 00:00:00 | 10000 |
| 18 | 5 | 102 | debit | 2009-11-25 00:00:00 | 50000 |
| 19 | 10 | 108 | debit | 2009-11-26 00:00:00 | 100000 |
| 20 | 1 | 106 | kredit | 2009-11-27 00:00:00 | 50000 |
+-----+-----+-----+-----+-----+-----+
| 21 | 10 | 108 | debit | 2009-11-26 00:00:00 | 100000 |
| 22 | 2 | 106 | kredit | 2009-11-27 00:00:00 | 50000 |
| 23 | 2 | 103 | kredit | 2009-11-28 00:00:00 | 200000 |
| 24 | 1 | 105 | kredit | 2009-11-28 00:00:00 | 100000 |
| 25 | 5 | 102 | debit | 2009-11-18 00:00:00 | 20000 |
| 26 | 1 | 104 | debit | 2009-12-03 00:00:00 | 50000 |
| 27 | 2 | 103 | debit | 2009-12-03 00:00:00 | 60000 |
| 28 | 4 | 105 | debit | 2009-12-04 00:00:00 | 10000 |
| 29 | 1 | 101 | kredit | 2009-12-05 00:00:00 | 100000 |
| 30 | 5 | 102 | kredit | 2009-12-05 00:00:00 | 200000 |
| 31 | 7 | 100 | debit | 2009-12-05 00:00:00 | 100000 |
| 32 | 9 | 110 | debit | 2009-12-06 00:00:00 | 20000 |
| 33 | 10 | 110 | kredit | 2017-09-28 00:00:00 | 10000 |
| 34 | 10 | 111 | kredit | 2017-09-28 00:00:00 | 250000 |
| 35 | 6 | 106 | debit | 2017-09-28 00:00:00 | 125000 |
| 36 | 7 | 103 | kredit | 2017-09-28 00:00:00 | 150000 |
| 37 | 6 | 101 | kredit | 2017-09-28 00:00:00 | 357000 |
| 38 | 2 | 110 | debit | 2017-09-28 00:00:00 | 557000 |
| 39 | 5 | 108 | debit | 2017-09-28 00:00:00 | 10000 |
| 40 | 10 | 110 | kredit | 2017-09-28 00:00:00 | 50000 |
| 41 | 10 | 110 | kredit | 2017-09-28 00:00:00 | 100000 |
| 42 | 12 | 101 | debit | 2017-09-28 00:00:00 | 5700000 |
| 43 | 12 | 101 | debit | 2017-09-28 00:00:00 | 8500000 |
| 44 | 1 | 112 | kredit | 2017-09-28 00:00:00 | 520000 |
| 45 | 10 | 109 | debit | 2017-09-28 00:00:00 | 300000 |
| 46 | 10 | 110 | kredit | 2017-09-28 00:00:00 | 10000 |
| 47 | 10 | 110 | kredit | 2017-09-28 00:00:00 | 50000 |
| 48 | 10 | 110 | kredit | 2017-09-28 00:00:00 | 50000 |
| 49 | 11 | 100 | debit | 2017-06-08 00:00:00 | 200000 |
| 50 | 11 | 100 | debit | 2017-06-08 00:00:00 | 300000 |
| 51 | 11 | 100 | debit | 2017-06-08 00:00:00 | 700000 |
| 52 | 5 | 101 | debit | 2017-06-18 00:00:00 | 200000 |
+-----+-----+-----+-----+-----+-----+

16 rows in set (0.00 sec)

mysql>
```

6. Lakukan update untuk kasus-kasus berikut
ini. a.

```
C:\WINDOWS\system32\cmd.exe - mysql -u root -p
mysql: [Warning] 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 'Jalan Slamet Riyadi No.14' where id_nasabah=7 at line 1
mysql> update nasabah set alamat_nasabah='Jalan Slamet Riyadi No.14' where id_nasabah=7;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> select*from nasabah;
+----+-----+-----+
| id_nasabah | nama_nasabah | alamat_nasabah |
+----+-----+-----+
| 1 | Sutopo | Jl. Jenderal Sudirman 12 |
| 2 | Maryati | Jl. M. Haryono 31 |
| 3 | Suparman | Jl. Huseinidie 81 |
| 4 | Kartika Padmasari | Jl. Manggis 17 |
| 5 | Budi Eko Prasetyo | Jl. Kartini 38 |
| 6 | Satrio Eko Jaya | Jl. Slamet Riyadi 45 |
| 7 | Iwari Hurnari | Jalan Slamet Riyadi No.14 |
| 8 | Sari Harti | Jl. Pangandaran 11 |
| 9 | Candra Lukmantha | Jl. Tidar 36 |
| 10 | Budi Hartono | Jl. Herak 22 |
+----+-----+-----+
10 rows in set (0.00 sec)

mysql>
```

b.

```
C:\WINDOWS\system32\cmd.exe - mysql -u root -p
mysql> update cabang set alamat_cabang='Jalan A, Yudi No.22' where kode_cabang='BND';
ERROR 1146 (42002): Table 'perbankan.cabang' doesn't exist
mysql> update cabang bank set alamat_cabang='Jalan A, Yudi No.22' where kode_cabang='BND';
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> select*from cabang_bank;
+-----+-----+-----+
| kode_cabang | nama_cabang | alamat_cabang |
+-----+-----+-----+
| BND | Bank Mut Unit Bantul | Jl. Ahmad Yani 45 |
| BND | Bank Mut Unit Klaten | Jl. Suparman 21 |
| BND | Bank Mut Unit Pegajiang | Jl. P.Timbulan 11 |
| BND | Bank Mut Unit Surakarta | Jl. Slamet Riyadi 18 |
| BND | Bank Mut Unit Wonogiri | Jalan A. Yudi No.22 |
| BND | Bank Mut Unit Yogyakarta | Jl. Agrok 22 |
+-----+-----+-----+
6 rows in set (0.00 sec)

mysql>
```

7. Lakukan penghapusan untuk kasus-kasus berikut. a.

```
C:\WINDOWS\system32\cmd.exe - mysql -u root -p
mysql> delete from nasabah where id_nasabah=7;
Query OK, 1 row affected (0.01 sec)

mysql> select*from nasabah;
+----+-----+-----+
| id_nasabah | nama_nasabah | alamat_nasabah |
+----+-----+-----+
| 1 | Sutopo | Jl. Jenderal Sudirman 12 |
| 2 | Maryati | Jl. M. Haryono 31 |
| 3 | Suparman | Jl. Huseinidie 81 |
| 4 | Kartika Padmasari | Jl. Manggis 17 |
| 5 | Budi Eko Prasetyo | Jl. Kartini 38 |
| 6 | Satrio Eko Jaya | Jl. Slamet Riyadi 45 |
| 8 | Sari Harti | Jl. Pangandaran 11 |
| 9 | Candra Lukmantha | Jl. Tidar 36 |
| 10 | Budi Hartono | Jl. Herak 22 |
+----+-----+-----+
9 rows in set (0.00 sec)

mysql>
```

b.

```
C:\WINDOWS\system32\cmd.exe - mysql -u root -p
mysql> delete from cabang_bank where nama_cabang='Bank Bkt Unit Nagling';
Query OK, 1 row affected (0.01 sec)

mysql> select*from cabang_bank;
+----+-----+-----+
| kode_cabang | nama_cabang | alamat_cabang |
+----+-----+-----+
| 0008      | Bank Bkt Unit Mayadeli | Jl. Ahmad Yani 45 |
| 0009      | Bank Bkt Unit Klanten | Jl. Suparman 23 |
| 0005      | Bank Bkt Unit Surakarta | Jl. Slamet Riyadi 18 |
| 0006      | Bank Bkt Unit Wonorejo | Jalan A. Yani No.2 |
| 0007      | Bank Bkt Unit Yogyakarta | Jl. Angrek 21 |
+----+-----+-----+
5 rows in set (0.00 sec)

mysql>
```

TUGAS

Table nasabah

```
C:\WINDOWS\system32\cmd.exe - mysql -u root -p
mysql> insert into nasabah(id_nasabah,nama_nasabah,alamat_nasabah) values('11','Rani','Sidoarjo');
Query OK, 1 row affected (0.01 sec)

mysql> insert into nasabah(id_nasabah,nama_nasabah,alamat_nasabah) values('12','Wendy','Wonorejo');
Query OK, 1 row affected (0.01 sec)

mysql> insert into nasabah(id_nasabah,nama_nasabah,alamat_nasabah) values('13','Ariana','Wedung');
Query OK, 1 row affected (0.01 sec)

mysql> insert into nasabah(id_nasabah,nama_nasabah,alamat_nasabah) values('14','Iris','Karangsari');
Query OK, 1 row affected (0.01 sec)

mysql> insert into nasabah(id_nasabah,nama_nasabah,alamat_nasabah) values('15','Nisa','Solo');
Query OK, 1 row affected (0.01 sec)

mysql> insert into nasabah(id_nasabah,nama_nasabah,alamat_nasabah) values('16','Hevi','Surakarta');
Query OK, 1 row affected (0.01 sec)

mysql> insert into nasabah(id_nasabah,nama_nasabah,alamat_nasabah) values('17','Rita','Solo Baru');
Query OK, 1 row affected (0.01 sec)

mysql> insert into nasabah(id_nasabah,nama_nasabah,alamat_nasabah) values('18','Ari','Jogja');
Query OK, 1 row affected (0.01 sec)

mysql> insert into nasabah(id_nasabah,nama_nasabah,alamat_nasabah) values('19','Jihan','Semarang');
Query OK, 1 row affected (0.01 sec)

mysql> insert into nasabah(id_nasabah,nama_nasabah,alamat_nasabah) values('20','Rina','Surabaya');
Query OK, 1 row affected (0.01 sec)

ERROR: No query specified

mysql> insert into nasabah(id_nasabah,nama_nasabah,alamat_nasabah) values('20','Rina','Surabaya');
ERROR 1062 (23000): Duplicate entry '20' for key 'PRIMARY'
mysql> insert into nasabah(id_nasabah,nama_nasabah,alamat_nasabah) values('21','Rina','Surabaya');
Query OK, 1 row affected (0.01 sec)

mysql> select*from nasabah;
+----+-----+-----+
| id_nasabah | nama_nasabah | alamat_nasabah |
+----+-----+-----+
| 1 | Sidiq | Jl. Abdul Halim 12 |
| 2 | Maryati | Jl. M. Haryono 31 |
| 3 | Suparman | Jl. Hasanudin 81 |
| 4 | Kartika Purnamasari | Jl. Manggis 15 |
| 5 | Rudi Eko Priyogo | Jl. Aurti 38 |
| 6 | Satrio Eko Jaya | Jl. Slamet Riyadi 40 |
| 7 | Sari Ranti | Jl. Pengantoran 11 |
| 8 | Candra Lokasanta | Jl. Tidar 86 |
| 9 | Rudi Hartono | Jl. Merak 22 |
| 10 | Candra Lokasanta | Jl. Tidar 86 |
| 11 | Rudi Hartono | Jl. Merak 22 |
| 12 | Wendy | Wonorejo |
| 13 | Ariana | Wedung |
| 14 | Iris | Karangsari |
| 15 | Nisa | Solo |
| 16 | Hevi | Surakarta |
| 17 | Rita | Solo Baru |
| 18 | Ari | Jogja |
| 19 | Jihan | Semarang |
| 20 | Rina | Surabaya |
| 21 | Rina | Surabaya |
+----+-----+-----+
20 rows in set (0.00 sec)

mysql>
```

Tabel cabang_bank

```
C:\WINDOWS\system32\cmd.exe - mysql -u root -p
mysql> insert into cabang_bank(kode_cabang,nama_cabang,alamat_cabang) values('001','Cabang Bkt 1','Sidoarjo');
Query OK, 1 row affected (0.01 sec)

mysql> insert into cabang_bank(kode_cabang,nama_cabang,alamat_cabang) values('002','Cabang Bkt 2','Sidoarjo');
Query OK, 1 row affected (0.01 sec)

mysql> insert into cabang_bank(kode_cabang,nama_cabang,alamat_cabang) values('003','Cabang Bkt 3','Sidoarjo');
Query OK, 1 row affected (0.01 sec)

mysql> insert into cabang_bank(kode_cabang,nama_cabang,alamat_cabang) values('004','Cabang Bkt 4','Sidoarjo');
Query OK, 1 row affected (0.01 sec)

mysql> insert into cabang_bank(kode_cabang,nama_cabang,alamat_cabang) values('005','Cabang Bkt 5','Sidoarjo');
Query OK, 1 row affected (0.01 sec)

mysql> insert into cabang_bank(kode_cabang,nama_cabang,alamat_cabang) values('006','Cabang Bkt 6','Sidoarjo');
Query OK, 1 row affected (0.01 sec)

mysql> insert into cabang_bank(kode_cabang,nama_cabang,alamat_cabang) values('007','Cabang Bkt 7','Sidoarjo');
Query OK, 1 row affected (0.01 sec)

mysql> insert into cabang_bank(kode_cabang,nama_cabang,alamat_cabang) values('008','Cabang Bkt 8','Sidoarjo');
Query OK, 1 row affected (0.01 sec)

mysql> insert into cabang_bank(kode_cabang,nama_cabang,alamat_cabang) values('009','Cabang Bkt 9','Sidoarjo');
Query OK, 1 row affected (0.01 sec)

mysql> insert into cabang_bank(kode_cabang,nama_cabang,alamat_cabang) values('010','Cabang Bkt 10','Sidoarjo');
Query OK, 1 row affected (0.01 sec)

mysql> select*from cabang_bank;
+----+-----+-----+
| kode_cabang | nama_cabang | alamat_cabang |
+----+-----+-----+
| 0008      | Bank Bkt Unit Mayadeli | Jl. Ahmad Yani 45 |
| 0009      | Bank Bkt Unit Klanten | Jl. Suparman 23 |
| 0005      | Bank Bkt Unit Surakarta | Jl. Slamet Riyadi 18 |
| 0006      | Bank Bkt Unit Wonorejo | Jalan A. Yani No.2 |
| 0007      | Bank Bkt Unit Yogyakarta | Jl. Angrek 21 |
| 001      | Cabang Bkt 1 | Sidoarjo |
| 002      | Cabang Bkt 2 | Sidoarjo |
| 003      | Cabang Bkt 3 | Sidoarjo |
| 004      | Cabang Bkt 4 | Sidoarjo |
| 005      | Cabang Bkt 5 | Sidoarjo |
| 006      | Cabang Bkt 6 | Sidoarjo |
| 007      | Cabang Bkt 7 | Sidoarjo |
| 008      | Cabang Bkt 8 | Sidoarjo |
| 009      | Cabang Bkt 9 | Sidoarjo |
| 010      | Cabang Bkt 10 | Sidoarjo |
+----+-----+-----+
25 rows in set (0.00 sec)
```

Rekening

[illegible]

Transaksi

[illegible]

Lakukan perintah insert, update, delet di tugas

```

C:\xampp\htdocs>mysql -u root -p
mysql> use database;
mysql> select * from nasabah;
+----+-----+-----+
| id_nasabah | nama_nasabah | alamat_nasabah |
+----+-----+-----+
| 0 | wati wendy ariano | belorejo |
| 1 | Sutopo | Jl. Sengul Sudirman 12 |
| 2 | Rasyati | 22. RT. Haryono 11 |
| 3 | Susanto | 21. Hasanudin 01 |
| 4 | Kartika Pambakari | 22. Nagaja 21 |
| 5 | Rudi Ota Prayogo | 10. Karti 10 |
| 6 | Satrio Dha Jaya | 22. Almas Rizaldi 45 |
| 7 | Nuri Nurti | 21. Panghidanan 11 |
| 8 | Laila Lukmanita | 22. Tidar 00 |
| 9 | Rudi Nurono | 11. Nuruk 22 |
| 10 | Suci | belorejo |
| 11 | wendy | seworjo |
| 12 | ariano | belorejo |
| 13 | Suci | Karanganyar |
| 14 | wati | solo |
| 15 | Nurti | namarta |
| 16 | wati | solo baru |
| 17 | wati | jaja |
| 18 | jani | kumpang |
| 19 | rita | karabaya |
| 20 | rita | karabaya |
+----+-----+-----+

mysql> insert into nasabah(id_nasabah,nama_nasabah,alamat_nasabah) values('0','wati wendy ariano','belorejo');
Query OK, 1 row affected (0.01 sec)

mysql> select * from nasabah;
+----+-----+-----+
| id_nasabah | nama_nasabah | alamat_nasabah |
+----+-----+-----+
| 0 | wati wendy ariano | belorejo |
| 1 | Sutopo | Jl. Sengul Sudirman 12 |
| 2 | Rasyati | 22. RT. Haryono 11 |
| 3 | Susanto | 21. Hasanudin 01 |
| 4 | Kartika Pambakari | 22. Nagaja 21 |
| 5 | Rudi Ota Prayogo | 10. Karti 10 |
| 6 | Satrio Dha Jaya | 22. Almas Rizaldi 45 |
| 7 | Nuri Nurti | 21. Panghidanan 11 |
| 8 | Laila Lukmanita | 22. Tidar 00 |
| 9 | Rudi Nurono | 11. Nuruk 22 |
| 10 | Suci | belorejo |
| 11 | wendy | seworjo |
| 12 | ariano | belorejo |
| 13 | Suci | Karanganyar |
| 14 | wati | solo |
| 15 | Nurti | namarta |
| 16 | wati | solo baru |
| 17 | wati | jaja |
| 18 | jani | kumpang |
| 19 | rita | karabaya |
| 20 | rita | karabaya |
+----+-----+-----+

mysql> update nasabah set nama_nasabah='MOH WENDY ARIANO' where id_nasabah=0;
Query OK, 1 row affected (0.01 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> select * from nasabah;
+----+-----+-----+
| id_nasabah | nama_nasabah | alamat_nasabah |
+----+-----+-----+
| 0 | MOH WENDY ARIANO | belorejo |
| 1 | Sutopo | Jl. Sengul Sudirman 12 |
| 2 | Rasyati | 22. RT. Haryono 11 |
+----+-----+-----+

```

[illegible]

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