

### Soal Kasus

Buatlah database rental sebagai berikut sesuaikan dengan Struktur Database (dikarenakan terdapat hal yang tidak sesuai antara tabel struktur dan tabel tampilan), kemudian pada soal latihan buatlah dengan menggunakan store procedure (untuk tambah data dan tampil data)

Microsoft Windows [Version 6.3.9600]  
(c) 2013 Microsoft Corporation. All rights reserved.

```
C:\Users\AAde>cd..
```

```
C:\Users>cd..
```

```
C:\>e:
```

```
E:\>cd xampp
```

```
E:\xampp>cd mysql
```

```
E:\xampp\mysql>cd bin
```

```
E:\xampp\mysql\bin>mysql -u root -h localhost  
Welcome to the MySQL monitor.  Commands end with ; or \g.  
Your MySQL connection id is 17  
Server version: 5.5.27 MySQL Community Server (GPL)
```

Copyright (c) 2000, 2011, Oracle and/or its affiliates. All rights reserved.

Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

```
mysql> create database rental_mobil;  
Query OK, 1 row affected (0.00 sec)
```

```
mysql> use rental_mobil;  
Database changed
```

```
mysql> create table mobil(  
-> KdMbl char(5) not null primary key,  
-> JnsMbl char(20) not null,  
-> Harga char(10) not null);  
Query OK, 0 rows affected (0.93 sec)
```

```
mysql> desc mobil;
```

```
+-----+-----+-----+-----+  
| Field | Type  | Null | Key | Default | Extra |  
+-----+-----+-----+-----+-----+-----+
```

```

| KdMbl | char(5) | NO | PRI | NULL | |
| JnsMbl | char(20) | NO | | NULL | |
| Harga | char(10) | NO | | NULL | |
+-----+-----+-----+-----+

```

3 rows in set (0.11 sec)

```

mysql> insert into mobil values
-> ('001ZU','SUZUKI','Rp.300.000'),
-> ('002MB','MITSHUBISI','Rp.350.000'),
-> ('003HD','HONDA','Rp.275.000'),
-> ('004TY','TOYOTA','Rp.350.000'),
-> ('005MR','MERCEDES','Rp.400.000');

```

Query OK, 5 rows affected (0.40 sec)  
Records: 5 Duplicates: 0 Warnings: 0

```
mysql> select * from mobil;
```

```

+-----+-----+-----+
| KdMbl | JnsMbl | Harga |
+-----+-----+-----+
| 001ZU | SUZUKI | Rp.300.000 |
| 002MB | MITSHUBISI | Rp.350.000 |
| 003HD | HONDA | Rp.275.000 |
| 004TY | TOYOTA | Rp.350.000 |
| 005MR | MERCEDES | Rp.400.000 |
+-----+-----+-----+

```

5 rows in set (0.00 sec)

```

mysql> create table pelanggan (
-> KdPlgn char(5) not null primary key,
-> NmPlgn varchar(20) not null,
-> Alamat varchar(25) not null,
-> Telp char(11) not null);

```

Query OK, 0 rows affected (0.93 sec)

```
mysql> desc pelanggan;
```

```

+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| KdPlgn | char(5) | NO | PRI | NULL | |
| NmPlgn | varchar(20) | NO | | NULL | |
| Alamat | varchar(25) | NO | | NULL | |
| Telp | char(11) | NO | | NULL | |
+-----+-----+-----+-----+

```

4 rows in set (0.09 sec)

```

mysql> insert into pelanggan values
-> ('KP001','Nico Setya Putra','Jl. Duren Muda No. 030','746262'),
-> ('KP002','Fitrah','Jl. Mangga Muda No.234','658971'),

```

```
-> ('KP003','A. Zoni Ikmal','Duren Bangkok No. 934','567515'),
-> ('KP004','Femas Aditya','Jl. Markisa No. 083','656872'),
-> ('KP005','A. Edo Setiawan','Jl. Duren No. 034','365754');
```

Query OK, 5 rows affected (0.39 sec)

Records: 5 Duplicates: 0 Warnings: 0

```
mysql> select * from pelanggan;
```

```
+-----+-----+-----+-----+
| KdPlgn | NmPlgn      | Alamat          | Telp  |
+-----+-----+-----+-----+
| KP001  | Nico Setya Putra | Jl. Duren Muda No. 030 | 746262 |
| KP002  | Fitrah         | Jl. Mangga Muda No.234 | 658971 |
| KP003  | A. Zoni Ikmal  | Duren Bangkok No. 934 | 567515 |
| KP004  | Femas Aditya   | Jl. Markisa No. 083   | 656872 |
| KP005  | A. Edo Setiawan | Jl. Duren No. 034    | 365754 |
+-----+-----+-----+-----+
```

5 rows in set (0.00 sec)

```
mysql> create table peminjaman (
```

```
-> id_peminjaman int(11) not null primary key auto_increment,
-> KdPlgn char(5) not null,
-> kdMbl char(5) not null,
-> tgl_pinjam date,
-> tgl_kembali date,
-> lama int(2) not null);
```

Query OK, 0 rows affected (0.11 sec)

```
mysql> desc peminjaman;
```

```
+-----+-----+-----+-----+-----+-----+
| Field      | Type   | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id_peminjaman | int(11) | NO   | PRI | NULL    | auto_increment |
| KdPlgn       | char(5) | NO   |     | NULL    |               |
| kdMbl        | char(5) | NO   |     | NULL    |               |
| tgl_pinjam   | date   | YES  |     | NULL    |               |
| tgl_kembali  | date   | YES  |     | NULL    |               |
| lama        | int(2) | NO   |     | NULL    |               |
+-----+-----+-----+-----+-----+-----+
```

6 rows in set (0.02 sec)

```
mysql>
```

```
mysql> insert into peminjaman values
```

```
-> ('','KP001','001ZU','2005-05-12','2005-05-15','3'),
-> ('','KP002','005MR','2005-05-11','2005-05-15','4'),
-> ('','KP003','002MB','2005-05-15','2005-05-18','3'),
-> ('','KP004','001ZU','2005-05-17','2005-05-21','4'),
```

Basis Data Lanjutan - Ade Putra, M.Kom.

```
-> ('', 'KP005', '002MB', '2005-05-19', '2005-05-20', '1');
Query OK, 5 rows affected, 5 warnings (0.06 sec)
Records: 5 Duplicates: 0 Warnings: 5
```

```
mysql> select * from peminjaman;
```

```
+-----+-----+-----+-----+-----+
| id_peminjaman | KdPlgn | kdMbl | tgl_pinjam | tgl_kembali | lama |
+-----+-----+-----+-----+-----+
| 1 | KP001 | 001ZU | 2005-05-12 | 2005-05-15 | 3 |
| 2 | KP002 | 005MR | 2005-05-11 | 2005-05-15 | 4 |
| 3 | KP003 | 002MB | 2005-05-15 | 2005-05-18 | 3 |
| 4 | KP004 | 001ZU | 2005-05-17 | 2005-05-21 | 4 |
| 5 | KP005 | 002MB | 2005-05-19 | 2005-05-20 | 1 |
+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

```
mysql>
```

SOAL

:

1

```
mysql> select JnsMbl from mobil where KdMbl="002MB";
```

```
+-----+
| JnsMbl |
+-----+
| MITSHUBISI |
+-----+
1 row in set (0.00 sec)
```

2

```
mysql> select JnsMbl, harga from mobil where KdMbl="005MR";
```

```
+-----+-----+
| JnsMbl | harga |
+-----+-----+
| MERCEDES | Rp.400.000 |
+-----+-----+
1 row in set (0.00 sec)
```

3

```
mysql> select JnsMbl from mobil where Harga="Rp.350.000";
```

```
+-----+
| JnsMbl |
+-----+
| MITSHUBISI |
| TOYOTA |
+-----+
2 rows in set (0.00 sec)
```

Atau

```
mysql> select JnsMbl from mobil where Harga like '%350%';
```

```
+-----+  
| JnsMbl |  
+-----+  
| MITSHUBISI |  
| TOYOTA |  
+-----+  
2 rows in set (0.00 sec)
```

Pelanggan

```
4  
mysql> select NmPlgn from pelanggan where KdPlgn='KP001';
```

```
+-----+  
| NmPlgn |  
+-----+  
| Nico Setya Putra |  
+-----+  
1 row in set (0.00 sec)
```

```
5.  
mysql> select NmPlgn, Alamat from pelanggan where KdPlgn='KP003';
```

```
+-----+-----+  
| NmPlgn | Alamat |  
+-----+-----+  
| A. Zoni Ikmal | Duren Bangkok No. 934 |  
+-----+-----+  
1 row in set (0.00 sec)
```

```
mysql>
```

```
6.  
mysql> select NmPlgn, Alamat from pelanggan where Telp='656872';
```

```
+-----+-----+  
| NmPlgn | Alamat |  
+-----+-----+  
| Femas Aditya | Jl. Markisa No. 083 |  
+-----+-----+  
1 row in set (0.00 sec)
```

```
7.
```

```
mysql> select Telp from pelanggan where NmPlgn like '%Edo%';
```

```
+-----+
```

```
| Telp |
+-----+
| 365754 |
+-----+
1 row in set (0.00 sec)
```

8.

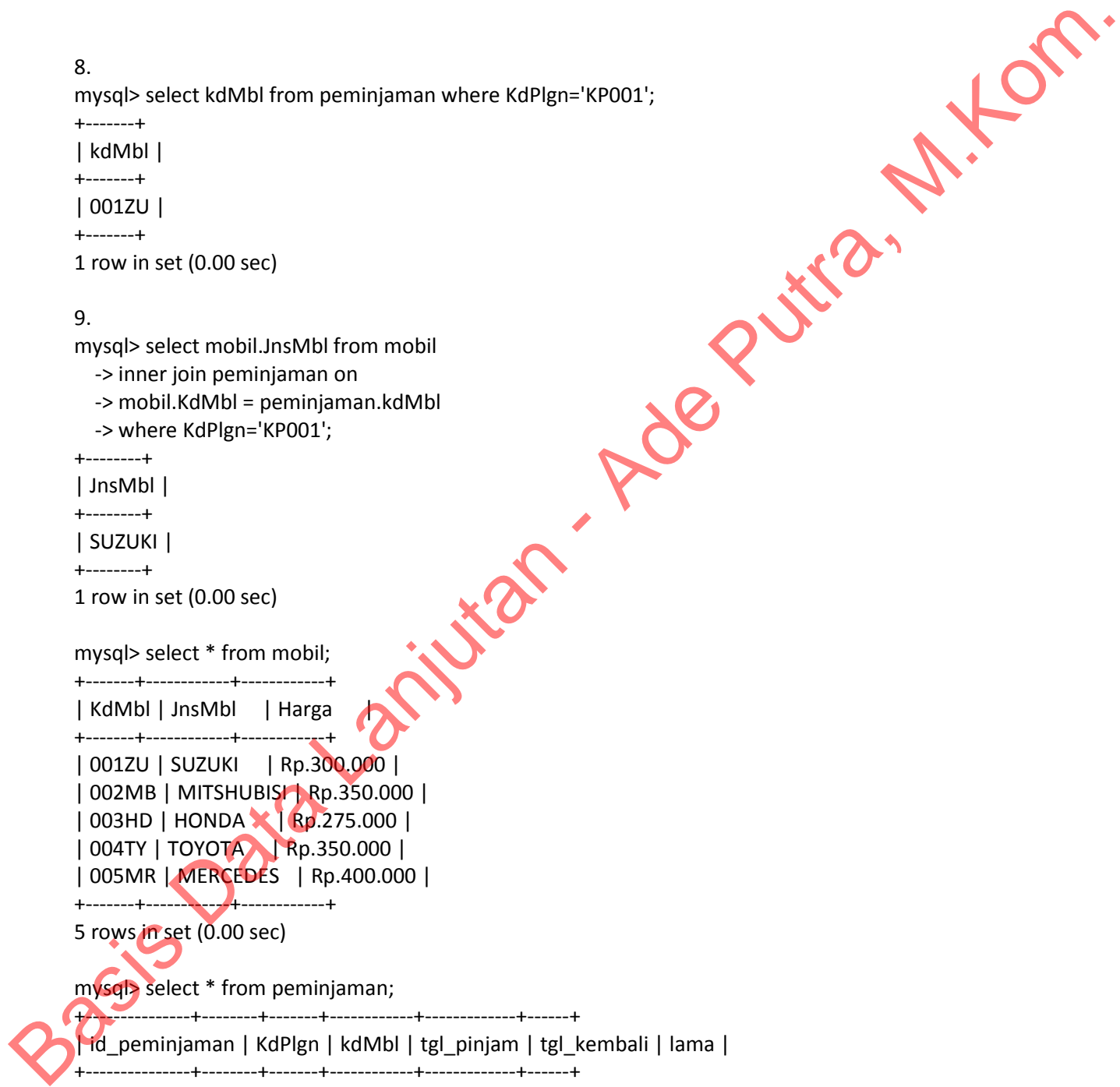
```
mysql> select kdMbl from pinjaman where KdPlgn='KP001';
+-----+
| kdMbl |
+-----+
| 001ZU |
+-----+
1 row in set (0.00 sec)
```

9.

```
mysql> select mobil.JnsMbl from mobil
-> inner join pinjaman on
-> mobil.KdMbl = pinjaman.kdMbl
-> where KdPlgn='KP001';
+-----+
| JnsMbl |
+-----+
| SUZUKI |
+-----+
1 row in set (0.00 sec)
```

```
mysql> select * from mobil;
+-----+-----+-----+
| KdMbl | JnsMbl | Harga |
+-----+-----+-----+
| 001ZU | SUZUKI | Rp.300.000 |
| 002MB | MITSHUBISI | Rp.350.000 |
| 003HD | HONDA | Rp.275.000 |
| 004TY | TOYOTA | Rp.350.000 |
| 005MR | MERCEDES | Rp.400.000 |
+-----+-----+-----+
5 rows in set (0.00 sec)
```

```
mysql> select * from pinjaman;
+-----+-----+-----+-----+-----+-----+
| id_pinjaman | KdPlgn | kdMbl | tgl_pinjam | tgl_kembali | lama |
+-----+-----+-----+-----+-----+-----+
| 1 | KP001 | 001ZU | 2005-05-12 | 2005-05-15 | 3 |
| 2 | KP002 | 005MR | 2005-05-11 | 2005-05-15 | 4 |
| 3 | KP003 | 002MB | 2005-05-15 | 2005-05-18 | 3 |
| 4 | KP004 | 001ZU | 2005-05-17 | 2005-05-21 | 4 |
```



```
|      5 | KP005 | 002MB | 2005-05-19 | 2005-05-20 | 1 |
+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

10.

```
mysql> select KdPlgn from peminjaman where tgl_pinjam='2005-05-15';
```

```
+-----+
| KdPlgn |
+-----+
| KP003 |
+-----+
```

1 row in set (0.00 sec)

11.

```
mysql> select * from pelanggan;
```

```
+-----+-----+-----+-----+
| KdPlgn | NmPlgn      | Alamat          | Telp  |
+-----+-----+-----+-----+
| KP001 | Nico Setya Putra | Jl. Duren Muda No. 030 | 746262 |
| KP002 | Fitrah          | Jl. Mangga Muda No.234 | 658971 |
| KP003 | A. Zoni Ikmal   | Duren Bangkok No. 934 | 567515 |
| KP004 | Femas Aditya    | Jl. Markisa No. 083   | 656872 |
| KP005 | A. Edo Setiawan | Jl. Duren No. 034     | 365754 |
+-----+-----+-----+-----+
```

5 rows in set (0.00 sec)

```
mysql> select pelanggan.NmPlgn, pelanggan.Alamat from pelanggan
```

```
-> inner join peminjaman on
```

```
-> pelanggan.KdPlgn = peminjaman.KdPlgn
```

```
-> where tgl_pinjam='2005-05-15';
```

```
+-----+-----+
| NmPlgn      | Alamat          |
+-----+-----+
| A. Zoni Ikmal | Duren Bangkok No. 934 |
+-----+-----+
```

1 row in set (0.00 sec)

Basis Data Lanjutan - Ade Putra, M.Kom.

**Tugas :**

**Tabel MOBIL:**

1. Tampilkan jenis mobil yang kode mobilnya = 002MB

2. Tampilkan jenis dan harga sewa mobil yang kodenya = 005MR

3. Tampilkan Jenis mobil yang harga sewanya = Rp.350.000

**Tabel PELANGGAN:**

4. Tampilkan nama pelanggan yang kode pelanggannya = KP001

5. Tampilkan nama dan alamat pelanggan yang kode pelanggannya = KP003

6. Tampilkan nama dan alamat pelanggan yang nomor Teleponnya = 656872

7. Tampilkan nomor telepon pelanggan yang bernama = A.Edo Setiawan

**Tabel PEMINJAMAN:**

8. Tampilkan kode mobil yang dipinjam pelanggan dengan kode pelanggan = KP001

9. Kemudian tampilkan jenis mobil tersebut

10. Tampilkan kode pelanggan yang meminjam mobil pada tanggal = 15/05/2006

Basis Data Lanjutan - Ade Putra, M.Kom.



11. Kemudian tampilkan nama dan alamat pelanggan tersebut

12. Tampilkan kode mobil yang dipinjam pada tanggal = 19/05/2006

13. Kemudian tampilkan jenis dan harga mobil tersebut

14. Tampilkan kode pelanggan yang mengembalikan mobil pada tanggal = 15/05/2006

15. Tampilkan tanggal pengembalian mobil dengan kode pelanggan = KP003

16. Tampilkan tanggal pinjam mobil dengan kode pelanggan = KP001

Basis Data Lanjutan - Ade Putra, M.Kom.