Teknologi Basis Data

Praktikum MySQL Pada CMD

Dibuat Untuk Memenuhi Salah Satu Tugas Mata Kuliah Basis Data

Disusun Oleh :

Suryamin – 311710539

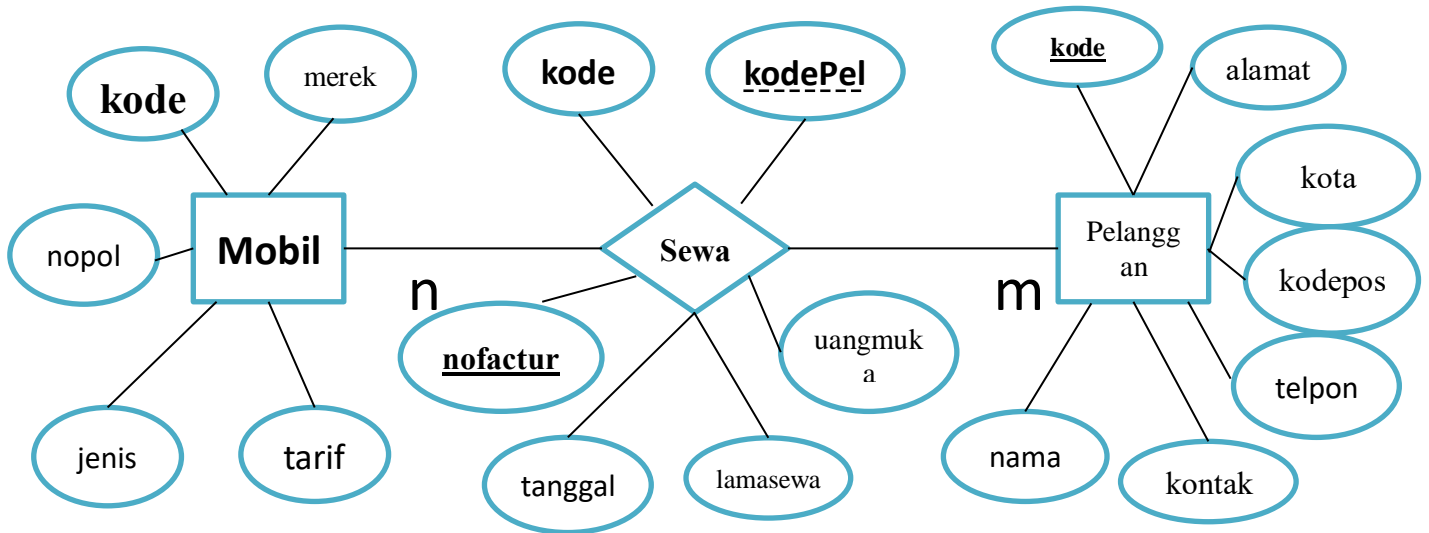Kelas – TI17D2

Program Studi Teknik Informatika

Sekolah Tinggi Teknik

Pelita Bangsa

2019

Tugas Praktikum 5

Latihan

1. Sesudah masuk database buatlah table baru dengan nama sewamobil dengan perintah seprti gambar dibawah ini :


```
Command Prompt - mysql  -u root
MariaDB [(none)]> create database latihan5;
Query OK, 1 row affected (0.01 sec)

MariaDB [(none)]> use latihan5;
Database changed
MariaDB [latihan5]> create table sewamobil
    -> (kode char(5) primary key,
    -> jenis varchar(15) not null,
    -> merk varchar(15) not null,
    -> tarif varchar (10) not null,
    -> nopol varchar(10) not null);
Query OK, 0 rows affected (0.26 sec)

MariaDB [latihan5]> desc sewamobil;
+--------+-------------+------+-----+---------+-------+
| Field  | Type        | Null | Key | Default | Extra |
+--------+-------------+------+-----+---------+-------+
| kode   | char(5)     | NO   | PRI | NULL    |       |
| jenis  | varchar(15) | NO   |     | NULL    |       |
| merk   | varchar(15) | NO   |     | NULL    |       |
| tarif  | varchar(10) | NO   |     | NULL    |       |
| nopol  | varchar(10) | NO   |     | NULL    |       |
+--------+-------------+------+-----+---------+-------+
5 rows in set (0.02 sec)
```

Masukan semua data dengan perintah :

Buat table baru dan masukan data-datanya dengan perintah pada gambar dibawah ini :

kemudian lakukan pengecekan sesuai gambar di bawah :

```
MariaDB [latihan5]> insert into sewamobil1 values
    -> ('P001','PT. FOX RIVER','HENDRA','JL. SUDIRMAN 657','BENGKULU','30245','012345678'),
    -> ('P002','CV. FOXCON','IWAN','JL. WAHID HASYIM 743','JAKARTA','73429','0123456789'),
    -> ('P003','PT. FARMACON','YANI','JL. AHMAD DAHLAN 45','LAMPUNG','28349','012345678910');
Query OK, 3 rows affected (0.09 sec)
Records: 3  Duplicates: 0  Warnings: 0

MariaDB [latihan5]> SELECT * FROM
    -> SEWAMOBIL1;
+------+---------------+--------+---------------------+----------+---------+--------------+
| kode | nama          | kotak  | alamat              | kota     | kodepos | telpon       |
+------+---------------+--------+---------------------+----------+---------+--------------+
| P001 | PT. FOX RIVER | HENDRA | JL. SUDIRMAN 657    | BENGKULU |   30245 | 012345678    |
| P002 | CV. FOXCON    | IWAN   | JL. WAHID HASYIM 743 | JAKARTA  |   73429 | 0123456789   |
| P003 | PT. FARMACON  | YANI   | JL. AHMAD DAHLAN 45 | LAMPUNG  |   28349 | 012345678910 |
+------+---------------+--------+---------------------+----------+---------+--------------+
3 rows in set (0.00 sec)
```

Selanjunya buat teble 3 dengan perinta pada gambar dibawah ini :

```
MariaDB [latihan5]> create table sewamobil2
    -> (nofactur char(15) not null,
    -> kodepelanggan varchar(10) not null,
    -> tanggalsewa date,
    -> kodemobil varchar(10) not null,
    -> lamasewa varchar(5) not null,
    -> uangmuka varchar(15) not null);
Query OK, 0 rows affected (0.27 sec)

MariaDB [latihan5]> desc sewamobil2;
+---------------+-------------+------+-----+---------+-------+
| Field         | Type        | Null | Key | Default | Extra |
+---------------+-------------+------+-----+---------+-------+
| nofactur      | char(15)    | NO   |     | NULL    |       |
| kodepelanggan | varchar(10) | NO   |     | NULL    |       |
| tanggalsewa   | date        | YES  |     | NULL    |       |
| kodemobil     | varchar(10) | NO   |     | NULL    |       |
| lamasewa      | varchar(5)  | NO   |     | NULL    |       |
| uangmuka      | varchar(15) | NO   |     | NULL    |       |
+---------------+-------------+------+-----+---------+-------+
6 rows in set (0.02 sec)
```

Masukan data-atanya sesuai pada gambar dibawah ini :

Input query dengan perintah :

Select sewamobil.kode, sewamobil.jenis, sewamobil.merk, sewamobil2.nofactur, sewamobil2.tanggalsewa, sewamobil2.lamasewa from sewamobil left join sewamobil2 on sewamobil.kode=sewamobil2.kodemobil order by kode;

Input query dengan perintah :

select sewamobil2.nofactur, sewamobil1.nama, sewamobil2.tanggalsewa, sewamobil.jenis, sewamobil.merk, sewamobil2.lamasewa, sewamobil2.uangmuka

-> from sewamobil

-> inner join sewamobil2 on sewamobil.kode=sewamobil2.kodemobil

-> inner join sewamobil1 on sewamobil2.kodepelanggan=sewamobil1.kode;

```
MariaDB [latihan5]> select sewamobil2.nofactur, sewamobil1.nama, sewamobil2.tanggalsewa, sewamobil.jenis, sewamobil.merk, sewamobil2.l
amasewa, sewamobil2.uangmuka
    -> from sewamobil
    -> inner join sewamobil2 on sewamobil.kode=sewamobil2.kodemobil
    -> inner join sewamobil1 on sewamobil2.kodepelanggan=sewamobil1.kode;
+---------+--------------+-------------+-------+-----------+----------+----------+
| nofactur | nama         | tanggalsewa | jenis | merk      | lamasewa | uangmuka |
+---------+--------------+-------------+-------+-----------+----------+----------+
| F001    | PT. FOX RIVER | 2008-12-01  | SEDAN | BMW ES    | 2        | 200000   |
| F001    | PT. FOX RIVER | 2008-12-01  | BUS   | MERCEDEZ  | 2        | 200000   |
| F002    | CV. FOXCON    | 2008-12-02  | SEDAN | HONDA CRV | 1        | 100000   |
+---------+--------------+-------------+-------+-----------+----------+----------+
3 rows in set (0.00 sec)
```

Input query dengan Perintah :

> select sewamobil1.nama, sewamobil1.kota, sewamobil2.nofactur, sewamobil2.tanggalsewa, sewamobil2.kodemobil, sewamobil2.lamasewa, sewamobil2.uangmuka
>
> -> from sewamobil1
>
> -> left join sewamobil2
>
> -> on sewamobil1.kode=sewamobil2.kodepelanggan;


```
MariaDB [latihan5]> select sewamobil1.nama, sewamobil1.kota, sewamobil2.nofactur, sewamobil2.tanggalsewa, sewamobil2.kodemobil, sewamo
bil2.lamasewa, sewamobil2.uangmuka
    -> from sewamobil1
    -> left join sewamobil2
    -> on sewamobil1.kode=sewamobil2.kodepelanggan;
+--------------+----------+----------+-------------+-----------+----------+----------+
| nama         | kota     | nofactur | tanggalsewa | kodemobil | lamasewa | uangmuka |
+--------------+----------+----------+-------------+-----------+----------+----------+
| PT. FOX RIVER | BENGKULU | F001     | 2008-12-01  | M001      | 2        | 200000   |
| PT. FOX RIVER | BENGKULU | F001     | 2008-12-01  | M003      | 2        | 200000   |
| CV. FOXCON    | JAKARTA  | F002     | 2008-12-02  | M002      | 1        | 100000   |
| PT. FARMACON  | LAMPUNG  | NULL     | NULL        | NULL      | NULL     | NULL     |
+--------------+----------+----------+-------------+-----------+----------+----------+
4 rows in set (0.00 sec)
```

Chenel Youtube : https://youtu.be/ykGy7ZPRTl8