**NAMA: Ahmad Santoso** 

NIM : 311710427

**KELAS : TI.17.D2** 

# **PRAKTIKUM 5**

1. Buat database baru dengan nama sewamobil;

2. Isi data pada table tersebut.

| kode | 1 | jenis | 1 | merk      | İ | tarif   | I | поро1    |   |
|------|---|-------|---|-----------|---|---------|---|----------|---|
| M001 | T | SEDAN | Т | BMW E5    | T | 500000  | T | BG1234AA | I |
| M002 | 1 | SEDAN | 1 | HONDA CRU |   | 350000  | 1 | BG2345BB |   |
| M003 | 1 | BUS   | 1 | MERCEDEZ  | 1 | 1000000 | 1 | BG3456CC |   |
| M004 | 1 | BUS   | i | DYNA      | ı | 800000  | 1 | BG8443DD |   |
| M005 | ı | TRUCK | ı | HYNO ZX   | 1 | 1500000 |   | BG4638EE |   |
| M006 |   | TRUCK |   | DYNA X1   |   | 1500000 |   | BG8473FF |   |

| kode      | nana                      | kontak !       | alamat   | kota | kodepos        | telpon !                         |
|-----------|---------------------------|----------------|--|------|----------------|----------------------------------|
| P001 P002 | PT FOX RIVER<br>CU FOXCON | HENDRA<br>IVAN | JL. JEND. SUDIRMAN 657<br>JL. WAHID HASYIM 743 |      | 30245<br>73429 | 1234567  <br>234567  <br>3334445 |

| nofakturseva | i | kodepe langgan | i | tglseva                  | Ï | kodemobil | i | lamasewa | i | uangnuka         |
|--------------|---|----------------|---|--------------------------|---|-----------|---|----------|---|------------------|
| F001<br>F001 | i | P001<br>P001   | i | 2008-12-01<br>2008-12-01 | i | M001      | Ī | 2        | i | 200000<br>200000 |
| F002         | : | P002           | ٠ | 2008-12-02               |   | M002      | : | 1        |   | 100000           |

Buat query untuk menampikan data seperti berikut:

1.

| kode                                 | i          | jenis                                 | ŧ           | nerk  | i          | nofakturseva                 | i          | tglseva  | lanaseva |
|--------------------------------------|------------|---------------------------------------|-------------|---|------------|------------------------------|------------|--|----------|
| M001<br>M002<br>M003<br>M004<br>M005 | ********** | SEDAN<br>SEDAN<br>BUS<br>BUS<br>TRUCK | *********** | BMW ES<br>HONDA CRU<br>MERCEDEZ<br>DYNA<br>HYNO ZX<br>DYNA X1 | ********** | F001<br>F002<br>F001<br>NULL | ********** | 2008-12-01<br>2008-12-02<br>2008-12-01<br>NULL<br>NULL<br>NULL | 2        |

2.

| nofakturseva |   |  | jenis merk  |             | uangmuka                         |
|--------------|---|--|---|-------------|----------------------------------|
| F001<br>F001 | PT FOX RIVER<br>PT FOX RIVER<br>CU FOXCON | 2008-12-01<br>2008-12-01<br>2008-12-02 | SEDAN : BMV E5<br>BUS : MERCEDEZ<br>SEDAN : HONDA CRU | 2<br>2<br>1 | 200000 :<br>200000 :<br>100000 : |

3.

| nana         |          | nofakturseva |            |      |      |          |
|--------------|----------|--------------|------------|------|------|----------|
| PT FOX RIVER | BENGKULU | F001         | 2008-12-01 | M001 | 2    | 200000 : |
| PT FOX RIVER | BENGKULU | F001         | 2008-12-01 | M003 | 2    | 200000 : |
| CU FOXCON    | JAKARIA  | F002         | 2008-12-02 | M002 | 1    | 100000 : |
| PT FARMACOM  | LAMPUNG  | NULL         | NULL       | NULL | NULL | NULL :   |

## Create database praktikum5;

```
MariaDB [(none)]> create database praktikum5;
Query OK, 1 row affected (0.00 sec)
MariaDB [(none)]> use praktikum5;
Database changed
```

## 1.Buatlah table data sebagai berikut

| kode | ! | jenis | ! | merk      | ! | tarif   | I | nopol    |
|------|---|-------|---|-----------|---|---------|---|----------|
| M001 | T | SEDAN | ï | BMW E5    | ï | 500000  | ï | BG1234AA |
| M002 |   | SEDAN |   | HONDA CRU |   | 350000  | ı | BG2345BB |
| M003 |   | BUS   | ı | MERCEDEZ  |   | 1000000 |   | BG3456CC |
| M004 |   | BUS   |   | DYNA      |   | 800000  |   | BG8443DD |
| M005 |   | TRUCK | 1 | HYNO ZX   |   | 1500000 |   | BG4638EE |
| M006 |   | TRUCK | : | DYNA X1   |   | 1500000 |   | BG8473FF |

#### Ini cara untuk membuat table diatas nama sewamobil;

> Create table sewamobil

```
MariaD8 [praktikum5]> create table sewamobil

>> (kode char (15) primary key,
>> jenis varchar (20) not null,
>> merk varchar (20) not null,
>> tarif varchar (25) not null,
>> nopol varchar (16) not null);
Query OK, # orous affected (0.83 sec)
```

Desc sewamobil;

- > Insert into sewamobil
- > Values

## Lalu input data sesuai berikut

```
MariaDB [praktikum5]> insert into sewamobil
-> values
-> ("Me01", "SEDAN", "BRW ES", "5000000", "BG1234AA"),
-> ("Me02", "SEDAN", "HONDA CRY", "350000", "BG2345B"),
-> ("Me03", "SUS", "NECECEZ", '1000000", "BG2345B"),
-> ("Me04", "BUS", "DYNN", "B000000", "BG435D"),
-> ("Me04", "BUS", "DYNN", "B00000", "BG435D"),
-> ("Me06", "TRICK", "HOND ZX", "IS00000", "BG435EE"),
-> ("Me06", "TRICK", "DYNN XX", "IS00000", "BG435EE"),
-> ("Me06", "TRICK", "DYNN XX", "IS00000", "BG435EF");
-> (Me06", "TRICK", "DYNN XX", "IS00000", "BG435EF");
-> (Me07", "TRICK", "DYNN XX", "IS00000", "BG435EF");
-> ("Me07", "TRICK", "DYNN XX", "TS00000", "BG435EF");
-> ("Me07", "TRICK", "TRICK", "DYN XX", "TS00
```

> Select\*from sewamobil;

# 2.buatlah table sebagai berikut

| kode                     |  | kontak                 | alamat   | kota                           |                         |                              |
|--------------------------|--|------------------------|--|--------------------------------|-------------------------|------------------------------|
| P001  <br>P002  <br>P003 | PT FOX RIVER<br>CU FOXCON<br>PT FARMACOM | HENDRA<br>IVAN<br>YANI | JL. JEND. SUDIRMAN 657<br>JL. VAHID HASYIM 743 | BENGKULU<br>JAKARTA<br>LAMPUNG | 30245<br>73429<br>28349 | 1234567<br>234567<br>3334445 |

### Cara untuk membuat table diatas nama sewamobil01;

> Create table sewamobil01

```
MariaDB [praktikum5]> create table sewamobil01

-> (kode char (10) primary key,
-> namo vanchar (20) not null,
-> kontak varchar (20) not null,
-> alamat varchar (28) not null,
-> kota varchar (10) not null,
-> kota varchar (10) not null,
-> kodepos varchar (3) not null,
-> kodepos varchar (3) not null,
(>> codepos varchar (12) not null);
Query OK, & Pows affected (0.38 sec)
```

> Desc sewamobil01;

- ➤ Insert into sewamobil01
- Values

### Lalu input data sebagai berikut

> Select\*from sewamobil01;

| ode   nama   |
|--|
| 001 PT FOX ELVEN HEIDRA 2L. 3END SUDIRBANI 657 BENGKULU 30245 012345678<br>002 CV FOXCON 1MAN 3L. NAHID HASIN 743 3AKANTA 73439 012345678<br>003 PT FARMACON VANI 2L. AHAND DHHLAN 45 LAMPUNG 28349 012345678910 |

# 3.buat table sebagai berikut

|  |  | nofaktursewa         |  |                              |          |                     |             |                                    |
|--|--|----------------------|--|------------------------------|----------|---------------------|-------------|------------------------------------|
| PT FOX RIVER<br>PI FOX RIVER<br>CU FOXCON<br>PT FARMACOM | BENGKULU<br>BENGKULU<br>JAKARIA<br>LAMPUNG | F001<br>F001<br>F002 | 2008-12-01<br>2008-12-01<br>2008-12-02<br>NULL | M001<br>M003<br>M002<br>NULL | ******** | 2<br>2<br>1<br>NULL | ** ** ** ** | 200000<br>200000<br>100000<br>NULL |

## Cara untuk membuat table di atas nama sewamobil02;

> Create table sewamobil02

```
MariabB [praktikum5]> create table sewamobil02
>> (nofakturseus char (15) not null,
-> kodepelanggan varchar (20) not null,
-> kodemobil varchar (20) not null,
-> kodemobil varchar (20) not null,
-> lamaseav varchar (25) not null,
-> uangmuka varchar (25) not null),
overy OK, or owns affected (0.40 sec)
```

Desc sewamobil02;

- ➤ Insert into sewamobil02
- > Values

## Lalu input data sebagai berikut

```
MariaDB [praktikums]} insert into sewamobil02
-> values
-> (Fe01', 'Pe01', '2e08-12-01', 'Me01', '2', '2e0e0e'),
-> ('Fe01', 'Pe01', 'Pe08-12-01', 'Me02', '1', '2e0e0e'),
-> ('F602', 'P002', '2e08-12-02', 'Me02', '1', '1000000');
Query OK, 3 rows affected (0.09 sec)
Records: 3 Duplicates: 0 Warnings: 0
```

> Select\*from sewamobil02;

| [p. a                | kum5]> select*fr         | +  | +         | +               | +                              |
|----------------------|--------------------------|--|-----------|-----------------|--------------------------------|
| nofaktursewa         | kodepelanggan            | tglsewa                                    | kodemobil | lamasewa        | uangmuka                       |
| F001<br>F001<br>F002 | P001<br>  P001<br>  P002 | 2008-12-01<br>  2008-12-01<br>  2008-12-02 | M003      | 2<br>  2<br>  1 | 200000<br>  200000<br>  100000 |

## Buat query untuk menampikan data seperti berikut:

1

|      |   |       |   |           |   | nofakturseva |   |            |      |
|------|---|-------|---|-----------|---|--------------|---|------------|------|
|      |   |       |   | BMW E5    |   |              |   | 2008-12-01 | 2    |
| MØØ2 | ٠ | SEDAN | ٠ | HONDA CRU | ٠ | F002         | ٠ | 2008-12-02 | 1    |
| M003 |   | BUS   |   | MERCEDEZ  |   | F001         | ۰ | 2008-12-01 | 2    |
| M004 | ٠ | BUS   | ٠ | DYNA      | ٠ | NULL         | ۰ | NULL       | HULL |
| M005 | 1 | TRUCK | ٠ | HYNO ZX   | 1 | NULL         | ı | NULL       | NULL |
| M006 |   |       |   | DYNA X1   |   | NULL         | ٠ | NULL       | NULL |

Select sewamobil.kode, sewamobil.jenis, sewamobil.merk, sewamobil02.nofaktursewa, sewamobil02.tglsewa, sewamobil02.lamasewa

- > From sewamobil
- ➤ Left join sewamobil02
- ➤ On sewamobil.kode=sewamobil02.kodemobil
- Order by kode;

```
MariaDB [praktikum5]> select sewamobil.kode, sewamobil.jenis, sewamobil.merk, sewamobil02.nofaktursewa, sewamobil02.tglsewa, sewamobil02.lamasewa
-> from sewamobil
-> left join sewamobil02
-> on sewamobil.kode-sewamobil02.kodemobil
-> onder by kode;
```

#### Maka setelah di enter akan tabel muncul seperti ini

|        | jenis    |           | nofaktursewa |            | lamasewa |
|--------|----------|-----------|--------------|------------|----------|
|        |          |           | <b>+</b>     |            |          |
| M001   |          | BMW ES    | F001         | 2008-12-01 |          |
|        |          | HONDA CRV |              | 2008-12-02 |          |
|        | BUS      | MERCEDEZ  | F001         | 2008-12-01 |          |
| M004   | BUS      | DYNA      | NULL         | NULL       | NULL     |
| M005   | TRUCK    | HYNO ZX   | NULL         | NULL       | NULL     |
| M006   | TRUCK    | DYNA X1   | NULL         | NULL       | NULL     |
|        |          |           | ·<br>+       | +          |          |
| rows i | n set (6 | 0.02 sec) |              |            |          |

2

| nofakturseva ! | nana         | tglsewa    | jenis   merk      | lamaseva : | uangmuka |
|----------------|--------------|------------|-------------------|------------|----------|
| F001           | PI FOX RIVER | 2008-12-01 | SEDAN : BMV ES    | 2          | 200000   |
| F001           | PI FOX RIVER | 2008-12-01 | BUS : MERCEDEZ    | 2          | 200000   |
| F002           | CU FOXCON    | 2008-12-02 | SEDAN : HONDA CRU | 1          | 100000   |

Select sewamobil02.nofaktursewa, sewamobil01.nama, sewamobil02.tglsewa, sewamobil.jenis, sewamobil.merk, sewamobil02.lamasewa, sewamobil02.uangmuka

- > From sewamobil
- ➤ Inner join sewamobil02 on sewmobil.kode=sewamobil02.kodemobil
- ➤ Inner join sewamobil01 on sewamobil02.kodepelanggan=sewamobil01.kode;

```
MariaDB [praktikum5]> select sewamobil02.nofaktursewa, sewamobil01.nama, sewamobil02.tglsewa, sewamobil.jenis, sewamobil.merk, sewamobil02.lamasewa, sewamobil02.uangmuk
a
-> from sewamobil
-> inner join sewamobil02 on sewamobil.kode-sewamobil02.kodemobil
-> inner join sewamobil01 on sewamobil02.kodepelanggan-sewamobil01.kode;
```

#### Maka setelah di enter akan muncul tabel seperti ini

| 1 | t<br>  nofaktursewa | +              | tglsewa    | ienis | ++<br>  mank | lamasaya | uangmuka |
|---|---------------------|----------------|------------|-------|--------------|----------|----------|
|   |                     |                |            |       |              |          |          |
|   |                     | PT FOX RIVER   |            |       |              |          | 200000   |
|   |                     |                | 2008-12-01 |       |              |          | 100000   |
|   | t3 rows in set (    | +<br>0.00 sec) |            |       |              |          |          |

|  |  | nofakturseva         |  |                              |                     |                            |                      |
|--|--|----------------------|--|------------------------------|---------------------|----------------------------|----------------------|
| PT FOX RIVER<br>PT FOX RIVER<br>CU FOXCON<br>PT FARMACOM | BENGKULU<br>BENGKULU<br>JAKARIA<br>LAMPUNG | F001<br>F001<br>F002 | 2008-12-01<br>2008-12-01<br>2008-12-02<br>NULL | M001<br>M003<br>M002<br>NULL | 2<br>2<br>1<br>NULL | 2006<br>2006<br>1006<br>NU | 00<br>00<br>00<br>LL |

Select sewamobil01.nama, sewamobil01.kota, sewamobil02.nofaktursewa, sewamobil02, tglsewa, sewamobil02.kodemobil, sewamobil02.lamasewa, sewamobil02.uangmuka

- > From sewamobil01
- ➤ Left join sewamobil02
- ➤ On sewamobil01.kode=sewamobil02.kodepelanggan;

```
MariaDB [prāktikums]> select sevamobil01.nama, sewamobil01.kota, sewamobil02.nofaktursewa, sewamobil02.tglsewa, sewamobil02.kodemobil, sewamobil02.lamasewa, sewamobil02.

-> from sewamobil01

-> left join sewamobil02.kodesewamobil02.kodepelanggan;
```

## Maka setelah di enter akan muncul tabel seperti ini

|              |          | h    |            |      |      | uangmuka |
|--------------|----------|------|------------|------|------|----------|
| PT FOX RIVER | BENGKULU | F001 | 2008-12-01 | M001 |      | 200000   |
| PT FOX RIVER | BENGKULU | F001 | 2008-12-01 | M003 |      | 200000   |
| CV FOXCON    | JAKARTA  | F002 | 2008-12-02 | M002 |      | 100000   |
| PT FARMACON  | LAMPUNG  | NULL | NULL       | NULL | NULL | NULL     |