



# **PRAKTIKUM BASIS DATA**

**INF1133**

## **LAPORAN PRAKTIKUM 7**

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# Laporan Praktikum 7:

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## Percobaan & Latihan:

1. show databases;

```
MariaDB [toko]> show databases;
+-----+
| Database |
+-----+
| dbkursus_aq |
| informatika |
| information_schema |
| latihan1 |
| mysql |
| performance_schema |
| php_mysql_crud |
| phpmyadmin |
| test |
| toko |
+-----+
10 rows in set (0.023 sec)
```

2. use toko;

```
MariaDB [toko]> use toko;
Database changed
```

3. show tables;

```
MariaDB [toko]> show tables;
+-----+
| Tables_in_toko |
+-----+
| brg |
| ktg |
| plg |
| trans |
+-----+
4 rows in set (0.000 sec)
```

4. select \* from brg;

```
MariaDB [toko]> select * from brg;
```

kode_brg	name_brg	stok	harga	kode_ktg
B001	Buku Tulis	8	1500	K001
B002	Kertas HVS	5	35000	K001
B003	Ballpoint	25	1000	K002
B004	Penghapus	30	2500	K002
B005	Rautan Pensil	10	2000	K002
B006	Sapu Lidi	18	4000	

6 rows in set (0.001 sec)

5. select \* from ktg;

```
MariaDB [toko]> select * from ktg;
```

kode_ktg	kategori
K001	Inventaris
K002	Modal
K003	Titipan

3 rows in set (0.000 sec)

6. select \* from plg;

```
MariaDB [toko]> select * from plg;
```

kode_plg	nama_plg	alamat	telp
P001	Ogi Ginanjar	Sumedang Utara	085789876564
P002	Dadang Sukmana	Bandung	087654567876
P003	Aditya	Papua	089876567054

3 rows in set (0.000 sec)

7. select \* from trans;

```
MariaDB [toko]> select * from trans;
```

kode_trans	kode_plg	tlg	kode_brg	jml
T00001	P001	2014-04-01	B002	3
T00002	P003	2014-04-10	B001	6
T00003	P002	2014-04-13	B005	4
T00004	P002	2014-04-09	B004	5
T00005	P003	2014-04-09	B002	2
T00006	P003	2014-04-11	B001	4
T00007	P003	2014-04-11	B001	5

7 rows in set (0.000 sec)

8. select \* from brg  
inner join ktg on ktg.kode\_ktg = brg.kode\_ktg;

```
MariaDB [toko]> select * from brg  
-> inner join ktg on ktg.kode_ktg = brg.kode_ktg;
```

kode_brg	name_brg	stok	harga	kode_ktg	kode_ktg	kategori
B001	Buku Tulis	8	1500	K001	K001	Inventaris
B002	Kertas HVS	5	35000	K001	K001	Inventaris
B003	Ballpoint	25	1000	K002	K002	Modal
B004	Penghapus	30	2500	K002	K002	Modal
B005	Rautan Pensil	10	2000	K002	K002	Modal

5 rows in set (0.006 sec)

9. select \* from brg  
left join ktg on ktg.kode\_ktg = brg.kode\_ktg;

```
MariaDB [toko]> select * from brg  
-> left join ktg on ktg.kode_ktg = brg.kode_ktg;
```

kode_brg	name_brg	stok	harga	kode_ktg	kode_ktg	kategori
B001	Buku Tulis	8	1500	K001	K001	Inventaris
B002	Kertas HVS	5	35000	K001	K001	Inventaris
B003	Ballpoint	25	1000	K002	K002	Modal
B004	Penghapus	30	2500	K002	K002	Modal
B005	Rautan Pensil	10	2000	K002	K002	Modal
B006	Sapu Lidi	18	4000		NULL	NULL

6 rows in set (0.002 sec)

10. select \* from brg  
right join ktg on ktg.kode\_ktg = brg.kode\_ktg;

```
MariaDB [toko]> select * from brg
->      right join ktg on ktg.kode_ktg = brg.kode_ktg;
```

kode_brg	name_brg	stok	harga	kode_ktg	kode_ktg	kategori
B001	Buku Tulis	8	1500	K001	K001	Inventaris
B002	Kertas HVS	5	35000	K001	K001	Inventaris
B003	Ballpoint	25	1000	K002	K002	Modal
B004	Penghapus	30	2500	K002	K002	Modal
B005	Rautan Pensil	10	2000	K002	K002	Modal
NULL	NULL	NULL	NULL	NULL	K003	Titipan

```
6 rows in set (0.000 sec)
```

11. select lcase('DEWI SUCIAWATI');

```
MariaDB [toko]> select lcase('DEWI SUCIAWATI');
```

lcase('DEWI SUCIAWATI')
dewi suciawati

```
1 row in set (0.002 sec)
```

12. select lower('DEWI SUCIAWATI');

```
MariaDB [toko]> select lower('DEWI SUCIAWATI');
```

lower('DEWI SUCIAWATI')
dewi suciawati

```
1 row in set (0.000 sec)
```

13. select ucase('teknik informatika');

```
MariaDB [toko]> select ucase('teknik informatika');
```

ucase('teknik informatika')
TEKNIK INFORMATIKA

```
1 row in set (0.001 sec)
```

14. select upper('teknik informatika');

```
MariaDB [toko]> select upper('teknik informatika');
+-----+
| upper('teknik informatika') |
+-----+
| TEKNIK INFORMATIKA          |
+-----+
1 row in set (0.000 sec)
```

15. select substring('DEWI SUCIAWATI', 6, 5);

```
MariaDB [toko]> select substring('DEWI SUCIAWATI', 6, 5);
+-----+
| substring('DEWI SUCIAWATI', 6, 5) |
+-----+
| SUCIA                             |
+-----+
1 row in set (0.000 sec)
```

16. select left('DEWI SUCIAWATI', 10);

```
MariaDB [toko]> select left('DEWI SUCIAWATI', 10);
+-----+
| left('DEWI SUCIAWATI', 10) |
+-----+
| DEWI SUCIA                  |
+-----+
1 row in set (0.000 sec)
```

17. select right('TEKNIK INFORMATIKA', 11);

```
MariaDB [toko]> select right('TEKNIK INFORMATIKA', 11);
+-----+
| right('TEKNIK INFORMATIKA', 11) |
+-----+
| INFORMATIKA                     |
+-----+
1 row in set (0.001 sec)
```

18. select replace('dewisuciawati.blogspot.com', '.', 'dot');

```
MariaDB [toko]> select replace('dewisuciawati.blogspot.com', '.', 'dot');
+-----+
| replace('dewisuciawati.blogspot.com', '.', 'dot') |
+-----+
| dewisuciawatidotblogspotdotcom                    |
+-----+
1 row in set (0.001 sec)
```

19. select repeat('Dewi ', 3);

```
MariaDB [toko]> select repeat('Dewi', 3);
+-----+
| repeat('Dewi', 3) |
+-----+
| DewiDewiDewi      |
+-----+
1 row in set (0.000 sec)
```

20. select reverse('Kasur Rusak');

```
MariaDB [toko]> select reverse('Kasur Rusak');
+-----+
| reverse('Kasur Rusak') |
+-----+
| kasuR rusak            |
+-----+
1 row in set (0.000 sec)
```