

# LAPORAN PEMBUATAN DATABASE

## HALAMAN 39 BASIS DATA

### DAFFA JAYA PERKASA – XI RPL 1

#### A. Tahapan Alur Pembuatan Database

##### 1. Membuat Database

```
MariaDB [(none)]> create database toko;  
Query OK, 1 row affected (0.001 sec)
```

##### 2. Membuat Tabel

###### • Tabel Pelanggan

```
MariaDB [toko]> create table pelanggan (Kd_Pelanggan int(20), Nama_Pelanggan char(25), No_Telp int(15), Alamat text, Email char(30));  
Query OK, 0 rows affected (0.012 sec)
```

###### • Tabel Transaksi

```
MariaDB [toko]> create table transaksi (Kd_Transaksi int(30), kd_pelanggan int(25), kd_pesan int(40), tgl_transaksi int(30), status_bayar char(20));  
Query OK, 0 rows affected (0.014 sec)
```

###### • Tabel Det\_Transaksi

```
MariaDB [toko]> create table det_transaksi (kd_det int(40), kd_transaksi int(40), kd_produk int(30), qty int(20), total int(50));  
Query OK, 0 rows affected (0.014 sec)
```

###### • Tabel Produk

```
MariaDB [toko]> create table produk (kd_produk int(30), nm_produk text, harga int(50));  
Query OK, 0 rows affected (0.017 sec)
```

##### 3. Memasukan Data Tabel

###### • Tabel Pelanggan

```
MariaDB [toko]> INSERT INTO pelanggan (Kd_Pelanggan, Nama_Pelanggan, No_Telp, Alamat, Email)  
-> VALUES  
-> (1, 'Ali', 8123456789, 'Jl. Mawar No. 1', 'ali@gmail.com'),  
-> (2, 'Budi', 8134567890, 'Jl. Melati No. 2', 'budi@yahoo.com'),  
-> (3, 'Citra', 8145678901, 'Jl. Kenanga No. 3', 'citra@outlook.com'),  
-> (4, 'Dewi', 8156789012, 'Jl. Anggrek No. 4', 'dewi@gmail.com'),  
-> (5, 'Eka', 8167890123, 'Jl. Kamboja No. 5', 'eka@gmail.com');  
Query OK, 5 rows affected, 5 warnings (0.040 sec)  
Records: 5 Duplicates: 0 Warnings: 5
```

###### • Tabel Transaksi

```
MariaDB [toko]> INSERT INTO transaksi (Kd_Transaksi, kd_pelanggan, kd_pesan, tgl_transaksi, status_bayar)  
-> VALUES  
-> (1001, 1, 2001, '2024-11-25', 'Lunas'),  
-> (1002, 2, 2002, '2024-11-26', 'Belum Lunas'),  
-> (1003, 3, 2003, '2024-11-27', 'Lunas'),  
-> (1004, 4, 2004, '2024-11-28', 'Belum Lunas'),  
-> (1005, 5, 2005, '2024-11-29', 'Lunas');  
Query OK, 5 rows affected, 5 warnings (0.008 sec)  
Records: 5 Duplicates: 0 Warnings: 5
```

###### • Tabel Det\_Transaksi

```
MariaDB [toko]> INSERT INTO det_transaksi (kd_det, kd_transaksi, kd_produk, qty, total)  
-> VALUES  
-> (3001, 1001, 4001, 2, 50000),  
-> (3002, 1002, 4002, 1, 30000),  
-> (3003, 1003, 4003, 3, 90000),  
-> (3004, 1004, 4004, 4, 120000),  
-> (3005, 1005, 4005, 5, 150000);  
Query OK, 5 rows affected (0.010 sec)  
Records: 5 Duplicates: 0 Warnings: 0
```

- Tabel Produk

```
MariaDB [toko]> INSERT INTO produk (kd_produk, nm_produk, harga)
-> VALUES
-> (4001, 'Pensil', 25000),
-> (4002, 'Pulpen', 30000),
-> (4003, 'Buku Tulis', 30000),
-> (4004, 'Penghapus', 15000),
-> (4005, 'Rautan', 10000);
Query OK, 5 rows affected (0.008 sec)
Records: 5 Duplicates: 0 Warnings: 0
```

#### 4. Menyambungkan Tabel Perintah Select

```
MariaDB [toko]> SELECT
-> transaksi.kd_transaksi,
-> transaksi.tgl_transaksi,
-> pelanggan.nama_pelanggan,
-> produk.nm_produk,
-> produk.harga,
-> det_transaksi.qty,
-> det_transaksi.total
-> FROM
-> transaksi
-> JOIN
-> pelanggan ON transaksi.kd_pelanggan = pelanggan.kd_pelanggan
-> JOIN
-> det_transaksi ON det_transaksi.kd_transaksi = transaksi.kd_transaksi
-> JOIN
-> produk ON det_transaksi.kd_produk = produk.kd_produk;
```

kd_transaksi	tgl_transaksi	nama_pelanggan	nm_produk	harga	qty	total
1001	2024	Ali	Pensil	25000	2	50000
1002	2024	Budi	Pulpen	30000	1	30000
1003	2024	Citra	Buku Tulis	30000	3	90000
1004	2024	Dewi	Penghapus	15000	4	120000
1005	2024	Eka	Rautan	10000	5	150000

5 rows in set (0.001 sec)