# LAPORAN PRAKTIKUM 2

**Mata Kuliah: Sistem basis data**

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**Membuat struktur relasi tabel dengan skema seperti di gambar**



Figure 1: Inisialisasi Database



Figure 2: Pembuatan tabel Customers



Figure 3: Pembuatan tabel Orders

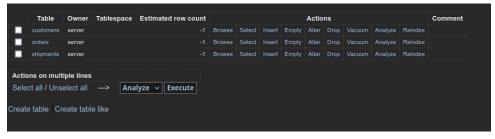Figure 4: Pembuatan tabel Shipments



Figure 5: Hasilnya

**Import data customers menggunakan SQL Customers**



Figure 6: Import Data sql

**Tampilkan semua gender yang ada di tabel customer (data tidak boleh duplikat)**



Figure 7: Tampilkan gender

**Hapus data customer yang mengandung string "Gwen"**

```
praktikum2=# delete from Customers
praktikum2-# where customer_name like '%Gwen%';
DELETE 1
praktikum2=#
```

Figure 8: Hapus Data customer

**tambahkan 10 data customer baru dengan ketentuan 5 laki-laki dan 5 perempuan**

```
praktikum2=# insert into Customers (customer_name, gender, address, phone_number)
praktikum2-# values ('Zaenal Abidin', 'M', '1 Abudin Regency', '12345678901'),
praktikum2-# ('Ammar Bakhri', 'M', '2 Abudin Regency', '12345678902'),
praktikum2-# ('Mulyono Abqori', 'M', '3 Abudin Regency', '12345678903'),
praktikum2-# ('Ucup Sepudin', 'M', '4 Abudin Regency', '12345678904'),
praktikum2-# ('Asep Komarudin', 'M', '5 Abudin Regency', '12345678905'),
praktikum2-# ('Berna Valheim', 'F', '1 Scarlett Regency', '12345678911'),
praktikum2-# ('Iko Kirino', 'F', '2 Scarlett Regency', '12345678912'),
praktikum2-# ('Uzuki Shinobu', 'F', '3 Scarlett Regency', '12345678913'),
praktikum2-# ('Nene Himekawa', 'F', '4 Scarlett Regency', '12345678914'),
praktikum2-# ('Rikka Inohana', 'F', '5 Scarlett Regency', '12345678915')
praktikum2-# ;
INSERT 0 10
praktikum2=#
```

Figure 9: Tambahan data customer

**Tampilkan nama dari customer laki-laki dan urutkan dari Z-A**

```
praktikum2=# select customer_name
from customers
where gender = 'M'
order by customer_name desc;
     customer_name
---------------------
 Zaenal Abidin
 Ximenes Bucknall
 Xaviera Menguy
 Wood Hutchinson
 Win Restorick
 Windy Bostock
 Verge Peery
 Ucup Sepudin
 Terrel Cowdery
 Teddy Lillgard
 Sallie Carrabot
 Ruperta Eddy
 Rozamond Tremollet
 Pier Glaum
 Penny Palmar
 Orlan Girardi
 Netty Ilden
 Mulyono Abqori
 Morganne Roderham
 Mavra Mullarkey
 Marena Bodimeade
 Lindy Reen
 Lilllie MacAllister
 Leonardo Skipworth
 Krystal Bakes
 Joyce Reisenberg
 Izaak Dightham
```

Figure 10: Tampilan data customer