## 1. Create Database Command

);

CREATE DATABASE banking;

```
2. Table Creation Scripts
           -- Customers Table
           CREATE TABLE customers (
             customer_id SERIAL PRIMARY KEY,
             first_name VARCHAR(50),
             last_name VARCHAR(50),
             email VARCHAR(100),
             phone VARCHAR(50),
             address TEXT
           );
           -- Accounts Table
           CREATE TABLE accounts (
             account_id SERIAL PRIMARY KEY,
             customer_id INT REFERENCES customers(customer_id),
             account_type VARCHAR(30),
             balance NUMERIC(15, 2),
             opened_date DATE
           );
           -- Transactions Table
           CREATE TABLE transactions (
             transaction_id SERIAL PRIMARY KEY,
             account_id INT REFERENCES accounts(account_id),
             amount NUMERIC(12, 2),
             transaction_type VARCHAR(10),
             timestamp TIMESTAMP
```

```
-- Loans Table

CREATE TABLE loans (

loan_id SERIAL PRIMARY KEY,

customer_id INT REFERENCES customers(customer_id),

loan_type VARCHAR(20),

loan_amount NUMERIC(15, 2),

issued_date DATE,

status VARCHAR(20)
);
```