

Tugas RPL

Rizky Maulana

Create Database

```
Microsoft Windows [Version 10.0.19045.3208]
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C:\Users\pc>mysql -u root -p
'mysql' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\pc>cd..

C:\>cd xampp

C:\xampp>cd mysql

C:\xampp\mysql>cd bin

C:\xampp\mysql\bin>mysql -u root -p
'mysql' is not recognized as an internal or external command,
operable program or batch file.

C:\xampp\mysql\bin>mysql -u root -p
Enter password:
Welcome to the MariaDB monitor. Commands end with ; or \g.
Your MariaDB connection id is 10
Server version: 10.4.32-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> CREATE DATABASE ecommerce_kyyn;
Query OK, 1 row affected (0.001 sec)
```

Create Tabel-Tabel

```
MariaDB [(none)]> USE ecommerce_kyyn;
Database changed
MariaDB [ecommerce_kyyn]> CREATE TABLE pengguna (
    ->     id_pengguna INT PRIMARY KEY AUTO_INCREMENT,
    ->     username VARCHAR(50) UNIQUE NOT NULL,
    ->     password CHAR(60) NOT NULL,
    ->     email VARCHAR(100) UNIQUE NOT NULL,
    ->     alamat_pengiriman TEXT
    -> );
Query OK, 0 rows affected (0.025 sec)

MariaDB [ecommerce_kyyn]> CREATE TABLE admin (
    ->     id_admin INT PRIMARY KEY AUTO_INCREMENT,
    ->     username VARCHAR(50) UNIQUE NOT NULL,
    ->     password CHAR(60) NOT NULL
    -> );
Query OK, 0 rows affected (0.046 sec)

MariaDB [ecommerce_kyyn]> CREATE TABLE produk (
    ->     id_produk INT PRIMARY KEY AUTO_INCREMENT,
    ->     nama_produk VARCHAR(255) NOT NULL,
    ->     deskripsi TEXT,
    ->     harga DECIMAL(10, 2) NOT NULL,
    ->     stok INT NOT NULL DEFAULT 0
    -> );
Query OK, 0 rows affected (0.050 sec)

MariaDB [ecommerce_kyyn]> CREATE TABLE kupon_voucher (
    ->     kode VARCHAR(20) PRIMARY KEY,
    ->     tipe_diskon ENUM('persen', 'nominal') NOT NULL,
    ->     nilai_diskon DECIMAL(10, 2) NOT NULL,
    ->     tgl_mulai DATE NOT NULL,
    ->     tgl_kedaluwarsa DATE NOT NULL,
    ->     aktif BOOLEAN NOT NULL DEFAULT TRUE
    -> );
Query OK, 0 rows affected (0.045 sec)
```

```

MariaDB [ecommerce_kyyn]> CREATE TABLE keranjang (
->     id_keranjang INT PRIMARY KEY AUTO_INCREMENT,
->     id_pengguna INT UNIQUE,
->     FOREIGN KEY (id_pengguna) REFERENCES pengguna(id_pengguna)
-> );
Query OK, 0 rows affected (0.045 sec)

MariaDB [ecommerce_kyyn]> CREATE TABLE item_keranjang (
->     id_item INT PRIMARY KEY AUTO_INCREMENT,
->     id_keranjang INT NOT NULL,
->     id_produk INT NOT NULL,
->     jumlah INT NOT NULL,
->     subtotal DECIMAL(10, 2) NOT NULL,
->     FOREIGN KEY (id_keranjang) REFERENCES keranjang(id_keranjang),
->     FOREIGN KEY (id_produk) REFERENCES produk(id_produk),
->     UNIQUE KEY (id_keranjang, id_produk)
-> );
Query OK, 0 rows affected (0.012 sec)

MariaDB [ecommerce_kyyn]> CREATE TABLE pesanan (
->     id_pesanan INT PRIMARY KEY AUTO_INCREMENT,
->     id_pengguna INT NOT NULL,
->     kode_kupon VARCHAR(20),
->     tgl_pesanan DATETIME DEFAULT CURRENT_TIMESTAMP,
->     alamat_pengiriman TEXT NOT NULL,
->     total_bayar DECIMAL(10, 2) NOT NULL,
->     status ENUM('Baru', 'Diproses', 'Terkirim', 'Selesai', 'Batal') NOT NULL DEFAULT 'Baru',
->     FOREIGN KEY (id_pengguna) REFERENCES pengguna(id_pengguna),
->     FOREIGN KEY (kode_kupon) REFERENCES kupon_voucher(kode)
-> );
Query OK, 0 rows affected (0.045 sec)

```

```

MariaDB [ecommerce_kyyn]> CREATE TABLE item_pesanan (
->     id_item_pesanan INT PRIMARY KEY AUTO_INCREMENT,
->     id_pesanan INT NOT NULL,
->     id_produk INT,
->     nama_produk VARCHAR(255) NOT NULL,
->     harga_satuan DECIMAL(10, 2) NOT NULL,
->     jumlah INT NOT NULL,
->     subtotal DECIMAL(10, 2) NOT NULL,
->     FOREIGN KEY (id_pesanan) REFERENCES pesanan(id_pesanan)
-> );
Query OK, 0 rows affected (0.007 sec)

MariaDB [ecommerce_kyyn]> CREATE TABLE pembayaran (
->     id_transaksi INT PRIMARY KEY AUTO_INCREMENT,
->     id_pesanan INT UNIQUE NOT NULL,
->     metode_bayar VARCHAR(50) NOT NULL,
->     status_pembayaran ENUM('Pending', 'Sukses', 'Gagal') NOT NULL DEFAULT 'Pending',
->     jumlah_bayar DECIMAL(10, 2) NOT NULL,
->     tgl_transaksi DATETIME DEFAULT CURRENT_TIMESTAMP,
->     FOREIGN KEY (id_pesanan) REFERENCES pesanan(id_pesanan)
-> );
Query OK, 0 rows affected (0.047 sec)

```

Show Tabel

```

MariaDB [ecommerce_kyyn]> SHOW TABLES;
+-----+
| Tables_in_ecommerce_kyyn |
+-----+
| admin
| item_keranjang
| item_pesanan
| keranjang
| kupon_voucher
| pembayaran
| pengguna
| pesanan
| produk
+-----+
9 rows in set (0.001 sec)

```

Isi Tabel

```
MariaDB [(none)]> use ecommerce_kyyn;
Database changed
MariaDB [ecommerce_kyyn]> -- Admin: Rizky Maulana
MariaDB [ecommerce_kyyn]> INSERT INTO admin (username, password) VALUES
-> ('rizky_maulana', 'password_admin_aman');
Query OK, 1 row affected (0.039 sec)

MariaDB [ecommerce_kyyn]> INSERT INTO pengguna (username, password, email, alamat_pengiriman) VALUES
-> ('budi_santoso', 'password_budi', 'budi.santoso@mail.com', 'Jl. Merdeka No. 10, Jakarta Pusat'),
-> ('siti_nuraini', 'password_siti', 'siti.nuraini@mail.com', 'Perumahan Indah Blok C-5, Bandung');
Query OK, 2 rows affected (0.003 sec)
Records: 2 Duplicates: 0 Warnings: 0

MariaDB [ecommerce_kyyn]> INSERT INTO produk (nama_produk, deskripsi, harga, stok) VALUES
-> ('Baju Kaos Premium', 'Kaos cotton combed 30s, warna hitam.', 125000.00, 50),
-> ('Celana Jeans Pria', 'Celana jeans slim fit, biru navy.', 350000.00, 20),
-> ('Sepatu Sneakers', 'Sepatu kasual untuk pria dan wanita.', 480000.00, 15),
-> ('Topi Baseball', 'Topi dengan logo bordir.', 85000.00, 100);
Query OK, 4 rows affected (0.038 sec)
Records: 4 Duplicates: 0 Warnings: 0

MariaDB [ecommerce_kyyn]> INSERT INTO kupon_voucher (kode, tipe_diskon, nilai_diskon, tgl_mulai, tgl_kedaluwarsa, aktif) VALUES
-> ('DISKON10', 'persen', 10.00, '2025-12-01', '2026-01-31', TRUE);
Query OK, 1 row affected (0.020 sec)

MariaDB [ecommerce_kyyn]> -- Buat keranjang untuk Budi (ID 1)
MariaDB [ecommerce_kyyn]> INSERT INTO keranjang (id_pengguna) VALUES (1);
Query OK, 1 row affected (0.004 sec)

MariaDB [ecommerce_kyyn]> -- Keranjang ID 1, Produk ID 1 (Kaos)
MariaDB [ecommerce_kyyn]> INSERT INTO item_keranjang (id_keranjang, id_produk, jumlah, subtotal) VALUES
-> (1, 1, 2, 250000.00); -- 2 * 125000.00
Query OK, 1 row affected (0.039 sec)

MariaDB [ecommerce_kyyn]>
MariaDB [ecommerce_kyyn]> -- Keranjang ID 1, Produk ID 4 (Topi)
MariaDB [ecommerce_kyyn]> INSERT INTO item_keranjang (id_keranjang, id_produk, jumlah, subtotal) VALUES
-> (1, 4, 1, 85000.00); -- 1 * 85000.00
Query OK, 1 row affected (0.002 sec)
```

```
MariaDB [ecommerce_kyyn]> -- Pesanan dari Siti (ID 2), tanpa kupon. Total 480k (Sepatu)
MariaDB [ecommerce_kyyn]> INSERT INTO pesanan (id_pengguna, alamat_pengiriman, total_bayar, status) VALUES
-> (2, 'Perumahan Indah Blok C-5, Bandung', 480000.00, 'Baru');
Query OK, 1 row affected (0.039 sec)

MariaDB [ecommerce_kyyn]> -- Pesanan ID 1, Sepatu Sneakers (ID 3)
MariaDB [ecommerce_kyyn]> INSERT INTO item_pesanan (id_pesanan, id_produk, nama_produk, harga_satuan, jumlah, subtotal) VALUES
-> (1, 3, 'Sepatu Sneakers', 480000.00, 1, 480000.00);
Query OK, 1 row affected (0.038 sec)

MariaDB [ecommerce_kyyn]> -- Pembayaran untuk Pesanan ID 1
MariaDB [ecommerce_kyyn]> INSERT INTO pembayaran (id_pesanan, metode_bayar, status_pembayaran, jumlah_bayar) VALUES
-> (1, 'Transfer Bank', 'Sukses', 480000.00);
Query OK, 1 row affected (0.039 sec)
```