**Laporan Step By Step SQL  
Warkop-28**



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**S-1 Teknik Informatika**

**Universitas Pancasila**

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# Step By step

1. Membuat database warkop-28



1. Membuat Tabel Pelanggan  
   CREATE TABLE pelanggan (

id\_pelanggan INT AUTO\_INCREMENT PRIMARY KEY,

nama\_pelanggan VARCHAR(100),

alamat\_pelanggan TEXT,

no\_telepon VARCHAR(15)

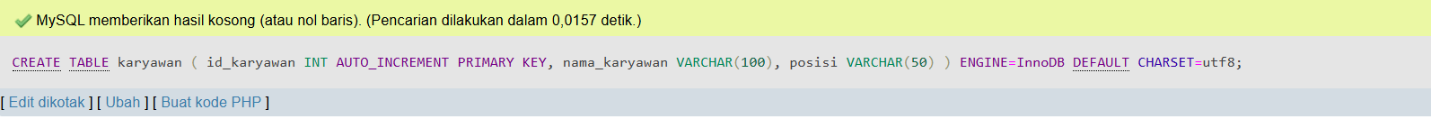
) ENGINE=InnoDB DEFAULT CHARSET=utf8;

1. Membuat Tabel Karyawan  
   CREATE TABLE karyawan (

id\_karyawan INT AUTO\_INCREMENT PRIMARY KEY,

nama\_karyawan VARCHAR(100),

posisi VARCHAR(50)

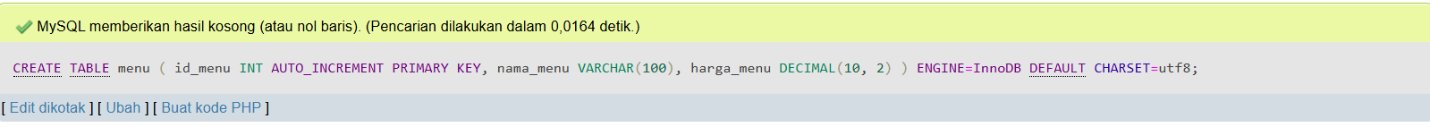
) ENGINE=InnoDB DEFAULT CHARSET=utf8;

1. Membuat Tabel Menu  
   CREATE TABLE menu (

id\_menu INT AUTO\_INCREMENT PRIMARY KEY,

nama\_menu VARCHAR(100),

harga\_menu DECIMAL(10, 2)

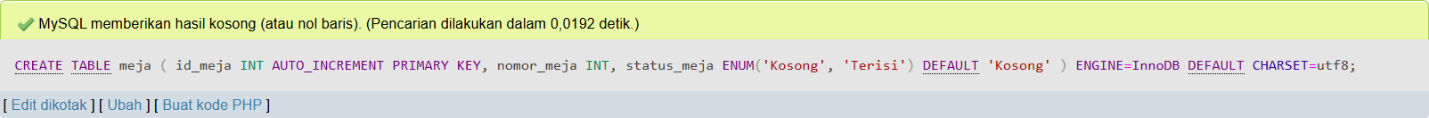
) ENGINE=InnoDB DEFAULT CHARSET=utf8;

1. Membuat Tabel Meja  
   CREATE TABLE meja (

id\_meja INT AUTO\_INCREMENT PRIMARY KEY,

nomor\_meja INT,

status\_meja ENUM('Kosong', 'Terisi') DEFAULT 'Kosong'

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

1. Membuat Tabel Transaksi  
   CREATE TABLE pesanan (

id\_pesanan INT AUTO\_INCREMENT PRIMARY KEY,

tanggal\_pesanan DATE,

total\_harga DECIMAL(10, 2),

status\_pesanan ENUM('Selesai', 'Dibatalkan') DEFAULT 'Selesai',

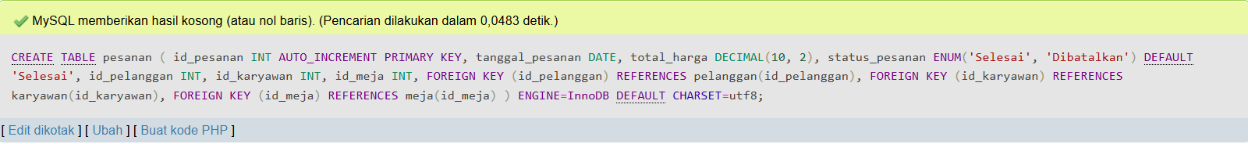
id\_pelanggan INT,

id\_karyawan INT,

id\_meja INT, FOREIGN KEY (id\_pelanggan) REFERENCES pelanggan(id\_pelanggan),

FOREIGN KEY (id\_karyawan) REFERENCES karyawan(id\_karyawan),

FOREIGN KEY (id\_meja) REFERENCES meja(id\_meja)

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

1. Membuat Tabel Detail Pemesanan

CREATE TABLE detail\_pesanan (

id\_detail\_pesanan INT AUTO\_INCREMENT PRIMARY KEY,

id\_pesanan INT,

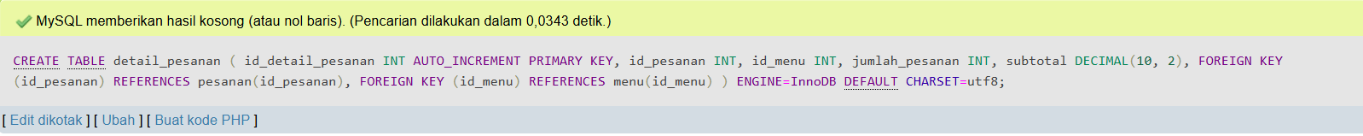
id\_menu INT,

jumlah\_pesanan INT,

subtotal DECIMAL(10, 2),

FOREIGN KEY (id\_pesanan) REFERENCES pesanan(id\_pesanan),

FOREIGN KEY (id\_menu) REFERENCES menu(id\_menu)

) ENGINE=InnoDB DEFAULT CHARSET=utf8;  


1. Menambahkan Data Dummy ke table pelanggan

INSERT INTO pelanggan (nama\_pelanggan, alamat\_pelanggan, no\_telepon) VALUES

('Andi Wijaya', 'Jl. Merdeka No. 12', '081234567890'),

('Budi Santoso', 'Jl. Sudirman No. 45', '081234567891'),

('Citra Lestari', 'Jl. Gajah Mada No. 22', '081234567892'),

('Dewi Amalia', 'Jl. Pattimura No. 11', '081234567893'),

('Eko Susilo', 'Jl. Thamrin No. 20', '081234567894'),

('Fikri Maulana', 'Jl. Diponegoro No. 30', '081234567895'),

('Gina Maharani', 'Jl. Kartini No. 25', '081234567896'),

('Hendra Pratama', 'Jl. Sultan Agung No. 15', '081234567897'),

('Irma Kusuma', 'Jl. Ahmad Yani No. 50', '081234567898'),

('Joko Saputra', 'Jl. Jenderal Soedirman No. 78', '081234567899'),

('Kirana Putri', 'Jl. Cendrawasih No. 13', '081234567900'),

('Lina Sari', 'Jl. Letjen Suprapto No. 32', '081234567901'),

('Maya Wulan', 'Jl. Imam Bonjol No. 19', '081234567902'),

('Nadia Fitri', 'Jl. Gatot Subroto No. 77', '081234567903'),

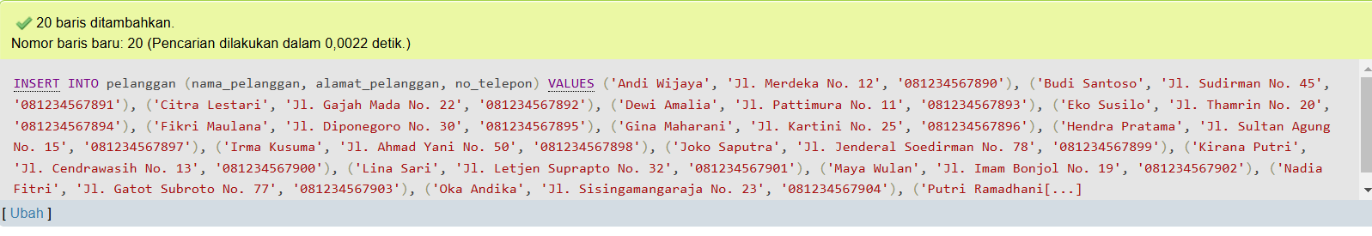
('Oka Andika', 'Jl. Sisingamangaraja No. 23', '081234567904'),

('Putri Ramadhani', 'Jl. Veteran No. 31', '081234567905'),

('Qori Fadli', 'Jl. Hasanuddin No. 28', '081234567906'),

('Rama Hermawan', 'Jl. Pemuda No. 18', '081234567907'),

('Sari Ayu', 'Jl. Raden Saleh No. 17', '081234567908'),

('Taufik Hidayat', 'Jl. Melati No. 33', '081234567909');  


1. Menambahkan Data Dummy ke table Karyawan

INSERT INTO karyawan (nama\_karyawan, posisi) VALUES

('Rina Ambarwati', 'Pelayan'),

('Agus Wijaya', 'Kasir'),

('Diana Puspa', 'Pelayan'),

('Siti Aisyah', 'Barista'),

('Bambang Sutrisno', 'Koki'),

('Indra Lesmana', 'Pelayan'),

('Teguh Prakoso', 'Barista'),

('Wulan Saputri', 'Pelayan'),

('Farid Nurcahyo', 'Pelayan'),

('Yuni Andriani', 'Kasir'),

('Nugroho Prasetyo', 'Koki'),

('Lisa Utami', 'Pelayan'),

('Yanto Susanto', 'Pelayan'),

('Rika Sari', 'Kasir'),

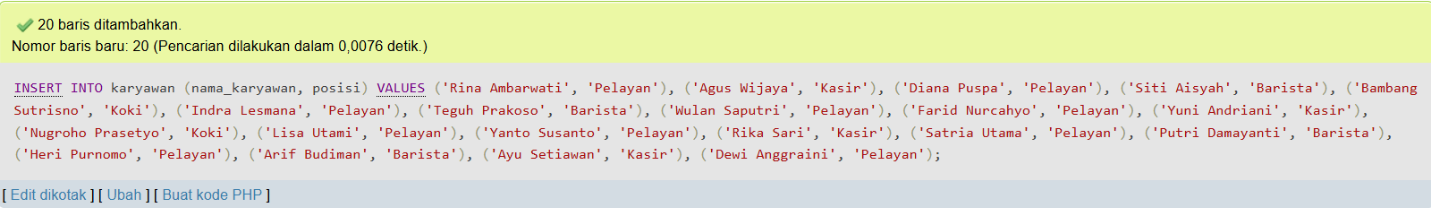
('Satria Utama', 'Pelayan'),

('Putri Damayanti', 'Barista'),

('Heri Purnomo', 'Pelayan'),

('Arif Budiman', 'Barista'),

('Ayu Setiawan', 'Kasir'),

('Dewi Anggraini', 'Pelayan');  


1. Menambahkan Data Dummy ke table Menu

INSERT INTO menu (nama\_menu, harga\_menu) VALUES

('Kopi Hitam', 10000),

('Teh Manis', 8000),

('Es Jeruk', 12000),

('Nasi Goreng', 20000),

('Mie Goreng', 18000),

('Roti Bakar', 15000),

('Soto Ayam', 22000),

('Bakso', 17000),

('Mie Ayam', 18000),

('Es Teh', 5000),

('Es Kopi Susu', 15000),

('Kopi Latte', 18000),

('Cappuccino', 20000),

('Es Coklat', 12000),

('Air Mineral', 3000),

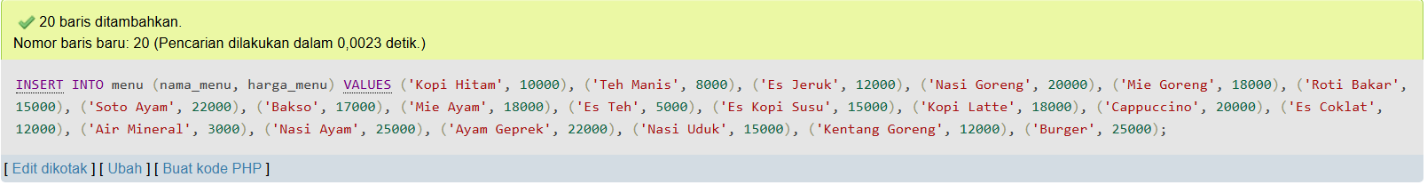
('Nasi Ayam', 25000),

('Ayam Geprek', 22000),

('Nasi Uduk', 15000),

('Kentang Goreng', 12000),

('Burger', 25000);



1. Menambahkan Data Dummy ke table Meja

INSERT INTO meja (nomor\_meja, status\_meja) VALUES

(1, 'Kosong'),

(2, 'Kosong'),

(3, 'Kosong'),

(4, 'Kosong'),

(5, 'Kosong'),

(6, 'Kosong'),

(7, 'Kosong'),

(8, 'Kosong'),

(9, 'Kosong'),

(10, 'Kosong'),

(11, 'Kosong'),

(12, 'Kosong'),

(13, 'Kosong'),

(14, 'Kosong'),

(15, 'Kosong'),

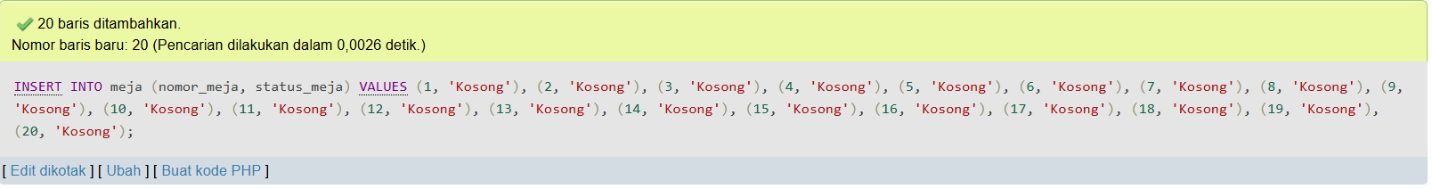
(16, 'Kosong'),

(17, 'Kosong'),

(18, 'Kosong'),

(19, 'Kosong'),

(20, 'Kosong');



1. Menambahkan Data Dummy ke table Pesanan

INSERT INTO pesanan (tanggal\_pesanan, total\_harga, status\_pesanan, id\_pelanggan, id\_karyawan, id\_meja) VALUES

('2024-12-10', 50000, 'Selesai', 1, 2, 3),

('2024-12-11', 60000, 'Selesai', 2, 1, 5),

('2024-12-12', 75000, 'Selesai', 3, 3, 4),

('2024-12-13', 90000, 'Selesai', 4, 4, 7),

('2024-12-14', 80000, 'Selesai', 5, 5, 1),

('2024-12-15', 45000, 'Selesai', 6, 6, 6),

('2024-12-16', 70000, 'Selesai', 7, 7, 2),

('2024-12-17', 95000, 'Selesai', 8, 8, 10),

('2024-12-18', 100000, 'Selesai', 9, 9, 9),

('2024-12-19', 120000, 'Selesai', 10, 10, 11),

('2024-12-20', 55000, 'Selesai', 11, 11, 12),

('2024-12-21', 65000, 'Selesai', 12, 12, 13),

('2024-12-22', 50000, 'Selesai', 13, 13, 14),

('2024-12-23', 45000, 'Selesai', 14, 14, 15),

('2024-12-24', 80000, 'Selesai', 15, 15, 16),

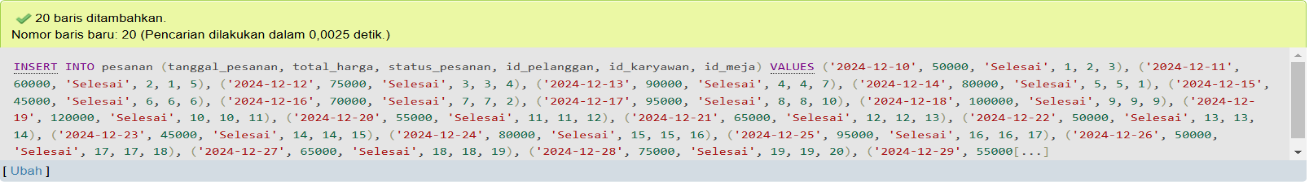
('2024-12-25', 95000, 'Selesai', 16, 16, 17),

('2024-12-26', 50000, 'Selesai', 17, 17, 18),

('2024-12-27', 65000, 'Selesai', 18, 18, 19),

('2024-12-28', 75000, 'Selesai', 19, 19, 20),

('2024-12-29', 55000, 'Selesai', 20, 20, 1);



1. Menambahkan Data Dummy ke table Detail Pesanan

INSERT INTO detail\_pesanan (id\_pesanan, id\_menu, jumlah\_pesanan, subtotal) VALUES

(1, 1, 2, 20000),

(1, 3, 1, 12000),

(2, 4, 1, 20000),

(2, 6, 1, 15000),

(3, 5, 2, 36000),

(3, 7, 1, 22000),

(4, 9, 1, 18000),

(4, 2, 2, 16000),

(5, 8, 1, 17000),

(5, 10, 2, 10000),

(6, 11, 1, 15000),

(6, 12, 1, 18000),

(7, 13, 1, 12000),

(7, 14, 2, 24000),

(8, 15, 1, 3000),

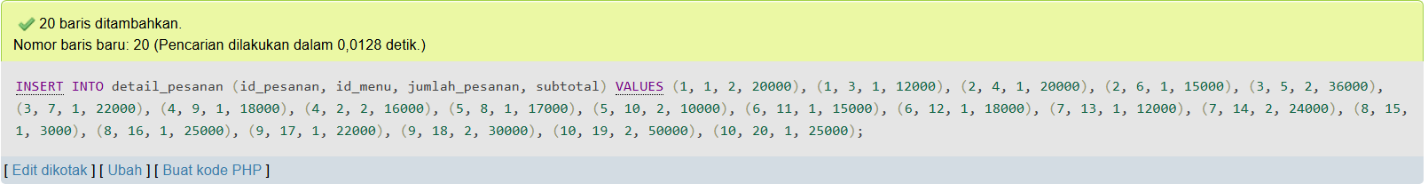
(8, 16, 1, 25000),

(9, 17, 1, 22000),

(9, 18, 2, 30000),

(10, 19, 2, 50000),

(10, 20, 1, 25000);



1. Relasi Antar Table  
   ALTER TABLE pesanan

ADD CONSTRAINT fk\_pelanggan\_pesanan

FOREIGN KEY (id\_pelanggan) REFERENCES pelanggan(id\_pelanggan),

ADD CONSTRAINT fk\_karyawan\_pesanan

FOREIGN KEY (id\_karyawan) REFERENCES karyawan(id\_karyawan),

ADD CONSTRAINT fk\_meja\_pesanan

FOREIGN KEY (id\_meja) REFERENCES meja(id\_meja);

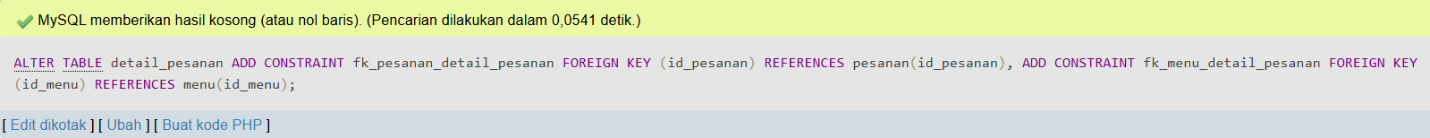
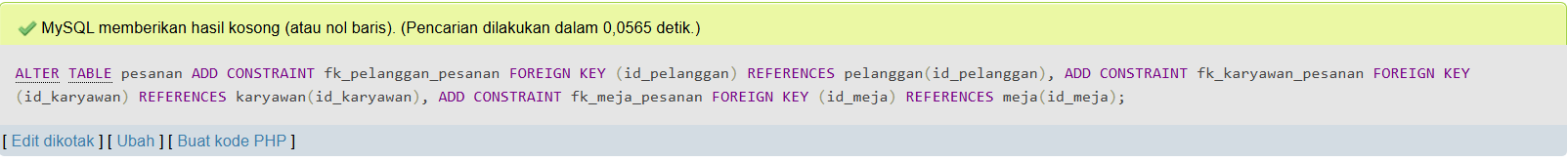
ALTER TABLE detail\_pesanan

ADD CONSTRAINT fk\_pesanan\_detail\_pesanan

FOREIGN KEY (id\_pesanan) REFERENCES pesanan(id\_pesanan),

ADD CONSTRAINT fk\_menu\_detail\_pesanan

FOREIGN KEY (id\_menu) REFERENCES menu(id\_menu);



1. Transaksi

START TRANSACTION;

INSERT INTO pesanan (tanggal\_pesanan, total\_harga, status\_pesanan, id\_pelanggan, id\_karyawan, id\_meja) VALUES ('2024-12-30', 90000, 'Selesai', 5, 2, 3);

SET @id\_pesanan = LAST\_INSERT\_ID();

INSERT INTO detail\_pesanan (id\_pesanan, id\_menu, jumlah\_pesanan, subtotal) VALUES (@id\_pesanan, 4, 2, 40000), (@id\_pesanan, 7, 1, 50000);

UPDATE meja SET status\_meja = 'Terisi' WHERE id\_meja = 3;

COMMIT;

1. Laporan Dan Transaksi

SELECT

p.id\_pesanan AS 'ID Pesanan',

p.tanggal\_pesanan AS 'Tanggal Pesanan',

pl.nama\_pelanggan AS 'Nama Pelanggan',

k.nama\_karyawan AS 'Nama Karyawan',

m.nama\_menu AS 'Nama Menu',

dp.jumlah\_pesanan AS 'Jumlah Pesanan',

dp.subtotal AS 'Subtotal',

p.total\_harga AS 'Total Harga',

me.nomor\_meja AS 'Nomor Meja',

me.status\_meja AS 'Status Meja',

p.status\_pesanan AS 'Status Pesanan'

FROM

pesanan p

JOIN

pelanggan pl ON p.id\_pelanggan = pl.id\_pelanggan

JOIN

karyawan k ON p.id\_karyawan = k.id\_karyawan

JOIN

detail\_pesanan dp ON p.id\_pesanan = dp.id\_pesanan

JOIN

menu m ON dp.id\_menu = m.id\_menu

JOIN

meja me ON p.id\_meja = me.id\_meja

ORDER BY

p.tanggal\_pesanan DESC;

