TUGAS WORKSHEET 5 DATABASE

MUHAMMAD ILHAM

Soal 5.1

No 1

	id	tanggal	total	kode	nama	nama_kartu	diskon
▶	1	2025-09-01	500000	C001	Andi Saputra	Silver	5
	2	2025-09-02	750000	C002	Budi Santoso	Gold	10
	3	2025-09-03	300000	C003	Citra Dewi	Platinum	15
	4	2025-09-04	1200000	C004	Dewi Lestari	Bronze	3
	5	2025-09-05	450000	C005	Eko Prasetyo	Diamond	20

No 2

```
CREATE VIEW v_pembelian AS
SELECT
    p.id,
    p.tanggal,
    p.nomor,
    p.jumlah,
    pr.harga_beli AS harga,
    pr.nama AS produk_nama,
    v.nama AS vendor_nama,
    v.kontak AS vendor_kontak
FROM pembelian p
JOIN produk pr ON p.produk_id = pr.id
JOIN vendor v ON p.vendor_id = v.id;
```

	id	tanggal	total	kode	nama	nama_kartu	diskon
▶	1	2025-09-01	500000	C001	Andi Saputra	Silver	5
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	3	2025-09-03	300000	C003	Citra Dewi	Platinum	15
	4	2025-09-04	1200000	C004	Dewi Lestari	Bronze	3
	5	2025-09-05	450000	C005	Eko Prasetyo	Diamond	20

No 3

```sql
CREATE VIEW v_pesanan_detail AS
SELECT
    ps.id AS pesanan_id,
    ps.tanggal,
    ps.total,
    pl.nama AS pelanggan_nama,
    pr.kode AS produk_kode,
    pr.nama AS produk_nama,
    jp.nama AS jenis_produk,
    pi.qty,
    pr.harga_jual
FROM pesanan ps
JOIN pelanggan pl ON ps.pelanggan_id = pl.id
JOIN pesanan_items pi ON ps.id = pi.pesanan_id
JOIN produk pr ON pi.produk_id = pr.id
JOIN jenis_produk jp ON pr.jenis_produk_id = jp.id;
```

pesanan_id	tanggal	total	pelanggan_nama	produk_kode	produk_nama	jenis_produk	qty	harga_jual
1	2025-09-01	500000	Andi Saputra	P001	Laptop Asus	Elektronik	1	8500000
2	2025-09-02	750000	Budi Santoso	P002	Kemeja Batik	Pakaian	3	175000
3	2025-09-03	300000	Citra Dewi	P003	Nasi Kotak	Makanan	5	30000
4	2025-09-04	1200000	Dewi Lestari	P005	Jam Tangan Casio	Aksesoris	2	400000
5	2025-09-05	450000	Eko Prasetyo	P004	Air Mineral 600ml	Minuman	20	5000

Soal 5.2

No 1

```sql
START TRANSACTION;
-- 1. Insert 3 produk baru
INSERT INTO produk (kode, nama, harga_beli, harga_jual, stok, min_stok, jenis_produk_id) VALUES
('PRD006', 'Keyboard Logitech', 150000, 250000, 20, 2, 1),
('PRD007', 'Mouse Razer', 300000, 450000, 15, 2, 1),
('PRD008', 'Headset Sony', 500000, 700000, 10, 2, 1);
-- 2. Update stok salah satu produk
UPDATE produk SET stok = 40 WHERE kode = 'PRD006';
-- 3. Buat savepoint
SAVEPOINT sebelum_hapus_pembayaran;
-- 4. Hapus salah satu data pembayaran
DELETE FROM pembayaran WHERE id = 5;
-- 5. Rollback ke savepoint (membatalkan penghapusan pembayaran)
ROLLBACK TO SAVEPOINT sebelum_hapus_pembayaran;
-- 6. Update data iuran salah satu kartu
UPDATE kartu SET iuran = 50000 WHERE id = 2;
COMMIT;
```