Nama : Diva Fisensa Vemas Sugharto

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Prodi : DIII Manajemen Informatika

KUIS 2 PRAKTIKUM BASIS DATA

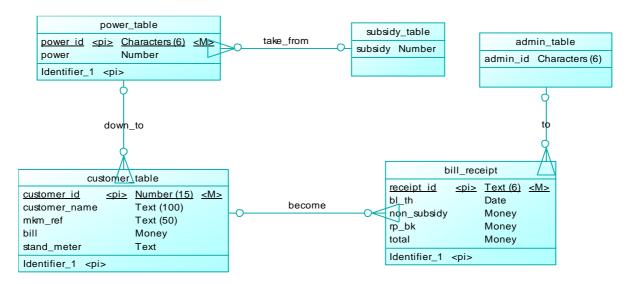
STRUK PEMBAYARAN TAGIHAN LISTRIK

ADMIN BANK : Rp.1.600,00 TOTAL BAYAR : Rp.52.085,00

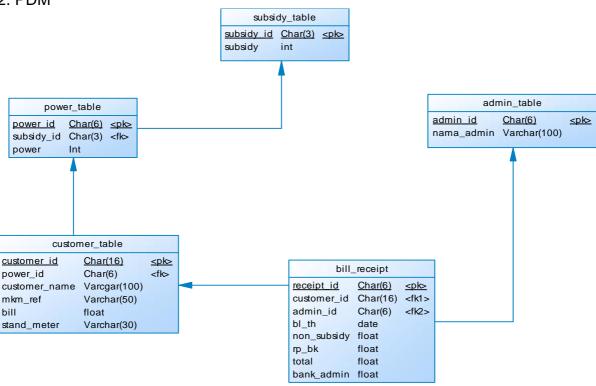
> TERIMA KASIH "Rincian tagihan dapat dilihat di www.pln.co.id atau PLN terdekat" INFORMASI HUB : 123

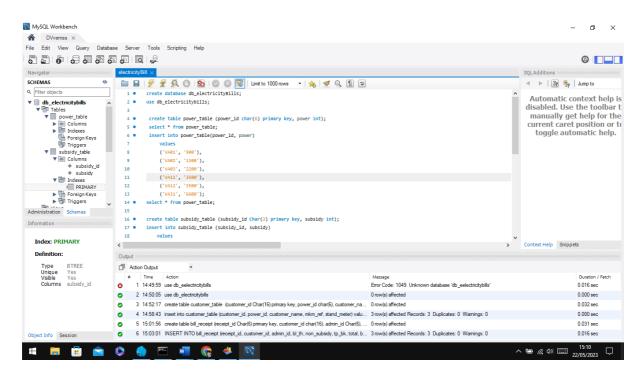
- 1. Buatlah struktur basis data berdasarkan struk pembayaran listrik diatas berupa CDM dan PDM!
- 2. Buat implementasi ke basis data tersebut ke dalam MySQL! Lampirkan script sql anda!
- 3. Buat query untuk menampilkan data seperti pada struk tersebut! Lampirkan query dan bukti hasil querynya!

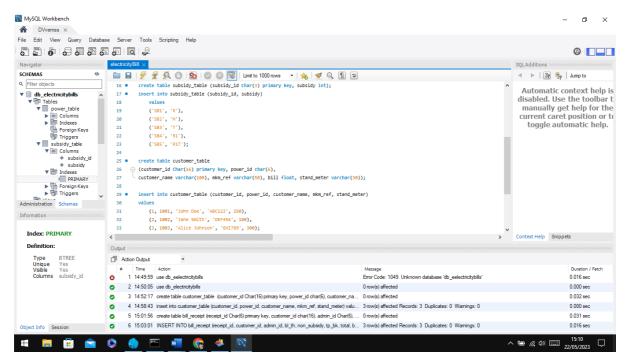
1. CDM

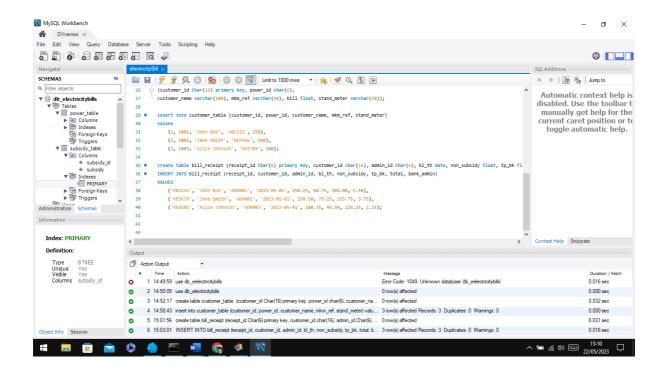


2. PDM









```
3.
-- Create power_table
CREATE TABLE power table (
  power_id CHAR(6) PRIMARY KEY,
  power INT
);
-- Select all data from power_table
SELECT * FROM power_table;
-- Insert data into power_table
INSERT INTO power_table (power_id, power)
VALUES
  ('VA01', 900),
  ('VA02', 1300),
  ('VA03', 2200),
  ('VA11', 3500),
  ('VA12', 3500),
  ('VA31', 6600);
-- Select all data from power_table
SELECT * FROM power_table;
-- Create subsidy_table
CREATE TABLE subsidy table (
  subsidy_id CHAR(3) PRIMARY KEY,
  subsidy INT
);
-- Insert data into subsidy table
INSERT INTO subsidy_table (subsidy_id, subsidy)
VALUES
  ('SB1', 'R'),
  ('SB2', 'M'),
  ('SB3', 'T'),
  ('SB4', 'R1'),
  ('SB5', 'R1T');
-- Create customer_table
CREATE TABLE customer_table (
  customer_id CHAR(16) PRIMARY KEY,
  power id CHAR(6),
  customer_name VARCHAR(100),
  mkm_ref VARCHAR(50),
  bill FLOAT,
  stand_meter VARCHAR(30)
);
-- Insert data into customer_table
```

```
INSERT INTO customer_table (customer_id, power_id, customer_name, mkm_ref,
stand_meter)
VALUES
  ('1', 'VA01', 'John Doe', 'ABC123', 250),
  ('2', 'VA02', 'Jane Smith', 'DEF456', 180),
  ('3', 'VA03', 'Alice Johnson', 'GHI789', 300);
-- Create bill receipt
CREATE TABLE bill_receipt (
  receipt_id CHAR(6) PRIMARY KEY,
  customer_id CHAR(16),
  admin_id CHAR(6),
  bl_th DATE,
  non_subsidy FLOAT,
  tp_bk FLOAT,
  total FLOAT,
  bank_admin FLOAT
);
-- Insert data into bill receipt
INSERT INTO bill_receipt (receipt_id, customer_id, admin_id, bl_th, non_subsidy,
tp_bk, total, bank_admin)
VALUES
  ('RE1234', '1', 'ADM001', '2023-05-01', 150.25, 50.75, 201.00, 2.50),
  ('RE5678', '2', 'ADM002', '2023-05-01', 250.50, 75.25, 325.75, 3.75),
  ('RE9101', '3', 'ADM003', '2023-05-01', 180.75, 45.50, 226.25, 2.25);
```