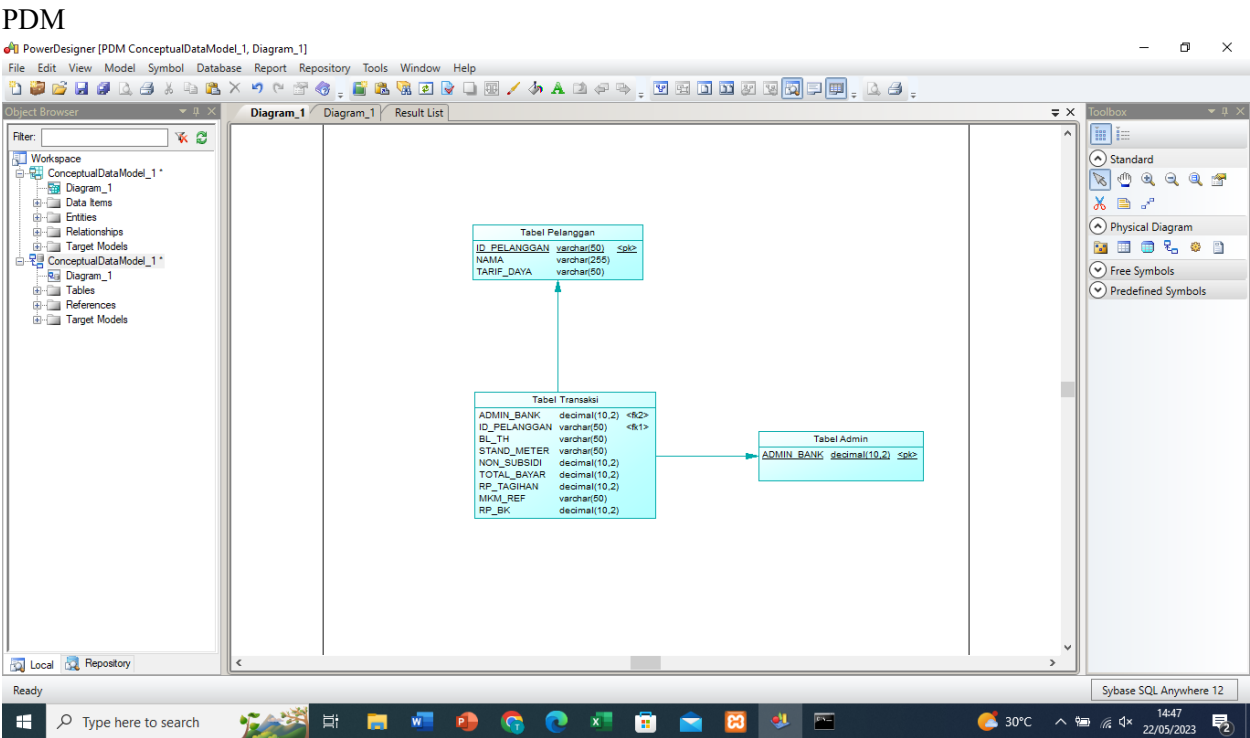
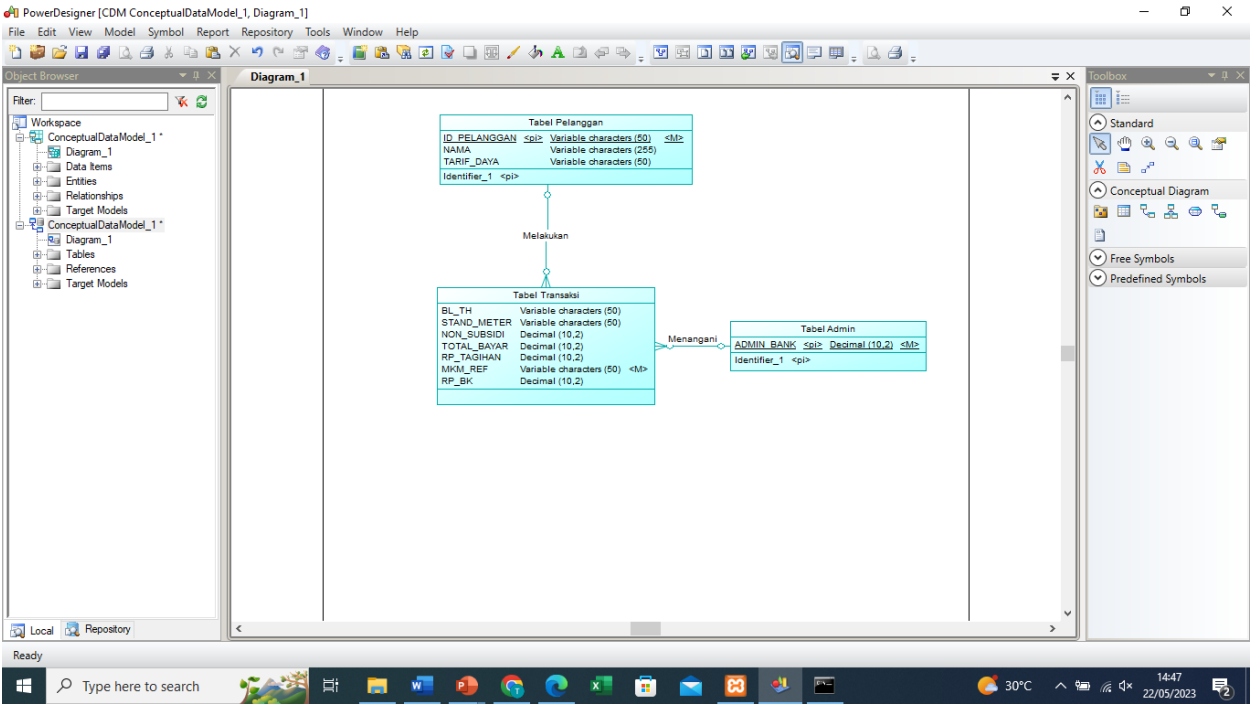


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Prodi : Manajemen Informatika

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!
- CREATE TABLE CDM (ID_Pelanggan VARCHAR(50) PRIMARY KEY, Nama VARCHAR(255), Tarif_Daya VARCHAR(50), MKM_Ref VARCHAR(50), BL_TH VARCHAR(50), Stand_Meter VARCHAR(50), Non_Subsidi DECIMAL(10,2), RP_BK DECIMAL(10,2));
 - CREATE TABLE PDM (ID_Pembayaran INT PRIMARY KEY, ID_Pelanggan VARCHAR(50), Rp_Tagihan DECIMAL(10,2), Admin_Bank DECIMAL(10,2), Total_Bayar DECIMAL(10,2), FOREIGN KEY (ID_Pelanggan) REFERENCES CDM(ID_Pelanggan));
 - INSERT INTO CDM (ID_Pelanggan, Nama, Tarif_Daya, MKM_Ref, BL_TH, Stand_Meter, Non_Subsidi, RP_BK) VALUES ('511810935121', 'SLAMET WIBISONO', 'R1/900', '20120101155410000000000154904550', 'JAN2012', '01514800-01521900', 0.00, 0.00);
 - INSERT INTO PDM (ID_Pembayaran, ID_Pelanggan, Rp_Tagihan, Admin_Bank, Total_Bayar) VALUES (1, '511810935121', 50485.00, 1600.00, 52085.00);
3. Buat query untuk menampilkan data seperti pada struk tersebut! Lampirkan query dan bukti hasil querynya!

```
SELECT CDM.ID_Pelanggan, CDM.Nama, CDM.Tarif_Daya, CDM.MKM_Ref, CDM.BL_TH,
CDM.Stand_Meter, CDM.Non_Subsidi, CDM.RP_BK, PDM.Admin_Bank, PDM.Total_Bayar
FROM CDM JOIN PDM ON CDM.ID_Pelanggan = PDM.ID_Pelanggan WHERE
CDM.ID_Pelanggan = '511810935121';
```

```
C:\Windows\system32\cmd.exe - mysql -u root -p
MariaDB [Quiz2]> CREATE TABLE CDM (ID_Pelanggan VARCHAR(50) PRIMARY KEY, Nama VARCHAR(255), Tarif_Daya VARCHAR(50), MKM_Ref VARCHAR(50), BL_TH VARCHAR(50), Stand_Meter
VARCHAR(50), Non_Subsidi DECIMAL(10,2), RP_BK DECIMAL(10,2));
Query OK, 0 rows affected (0.250 sec)

MariaDB [Quiz2]> CREATE TABLE PDM (ID_Pembayaran INT PRIMARY KEY, ID_Pelanggan VARCHAR(50), Rp_Tagihan DECIMAL(10,2), Admin_Bank DECIMAL(10,2), Total_Bayar DECIMAL(10,2), FOREIGN KEY (ID_Pelanggan) REFERENCES CDM(ID_Pelanggan));
Query OK, 0 rows affected (0.270 sec)

MariaDB [Quiz2]> INSERT INTO CDM (ID_Pelanggan, Nama, Tarif_Daya, MKM_Ref, BL_TH, Stand_Meter, Non_Subsidi, RP_BK) VALUES ('511810935121', 'SLAMET WIBISONO', 'R1/900',
'20120101155410000000000154904550', 'JAN2012', '01514800-01521900', 0.00, 0.00);
Query OK, 1 row affected (0.071 sec)

MariaDB [Quiz2]> INSERT INTO PDM (ID_Pembayaran, ID_Pelanggan, Rp_Tagihan, Admin_Bank, Total_Bayar) VALUES (1, '511810935121', 50485.00, 1600.00, 52085.00);
Query OK, 1 row affected (0.079 sec)

MariaDB [Quiz2]> SELECT CDM.ID_Pelanggan, CDM.Nama, CDM.Tarif_Daya, CDM.MKM_Ref, CDM.BL_TH, CDM.Stand_Meter, CDM.Non_Subsidi, CDM.RP_BK, PDM.Admin_Bank, PDM.Total_Bayar
FROM CDM JOIN PDM ON CDM.ID_Pelanggan = PDM.ID_Pelanggan WHERE CDM.ID_Pelanggan = '511810935121';
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| ID_Pelanggan | Nama          | Tarif_Daya | MKM_Ref          | BL_TH | Stand_Meter | Non_Subsidi | RP_BK | Admin_Bank | Total_Bayar |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| 511810935121 | SLAMET WIBISONO | R1/900     | 20120101155410000000000154904550 | JAN2012 | 01514800-01521900 | 0.00        | 0.00 | 1600.00    | 52085.00    |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
1 row in set (0.095 sec)

MariaDB [Quiz2]>
```