

Praktikum 2 Sistem Basis Data 2023

NRP / Nama : Ahmad Fadhilah Mappisara
Kelas : K
RDBMS : HeidiSQL (MySQL)
Link Script SQL :
Kode Asdos : SBDK0002
Sesi : Modul Pendahuluan

Nomor 1s

```
CREATE TABLE Customer (  
    ID_customer CHAR(6) NOT NULL,  
    Nama_customer VARCHAR(100) NOT NULL,  
    CONSTRAINT Customer_PK PRIMARY KEY(ID_customer)  
);
```

```
CREATE TABLE Pegawai (  
    NIK CHAR(16) NOT NULL,  
    Nama_pegawai VARCHAR(100) NOT NULL,  
    Jenis_kelamin CHAR(1) NOT NULL,  
    Email VARCHAR(50) NOT NULL,  
    Umur INT NOT NULL,  
    CONSTRAINT Pegawai_PK PRIMARY KEY (NIK)  
);
```

```
CREATE TABLE Menu_minuman (  
    ID_minuman CHAR(6) NOT NULL,  
    Nama_minuman VARCHAR(50) NOT NULL,  
    Harga_minuman FLOAT(2) NOT NULL,  
    CONSTRAINT Menu_minuman_PK PRIMARY KEY (ID_minuman)  
);
```

```
CREATE TABLE Telepon (  
    ID_telepon CHAR(6) NOT NULL,  
    Nama_telepon VARCHAR(50) NOT NULL,  
    Harga_telepon FLOAT(2) NOT NULL,  
    CONSTRAINT Telepon_PK PRIMARY KEY (ID_telepon)  
);
```

```

        No_telp_pegawai VARCHAR(15) NOT NULL,
        Pegawai_NIK CHAR(16) NOT NULL,
        CONSTRAINT Telepon_PK PRIMARY KEY (No_telp_pegawai),
        CONSTRAINT Telepon_Pegawai_FK FOREIGN KEY (Pegawai_NIK) REFERENCES
        Pegawai(NIK)
    );

```

```

CREATE TABLE Transaksi (
    ID_transaksi CHAR(10) NOT NULL,
    Tanggal_transaksi DATE NOT NULL,
    Metode_pembayaran VARCHAR(15) NOT NULL,
    Customer_id_customer CHAR(6) NOT NULL,
    Pegawai_NIK CHAR(16) NOT NULL,
    CONSTRAINT Transaksi_PK PRIMARY KEY (ID_transaksi),
    CONSTRAINT Transaksi_Customer_FK FOREIGN KEY (Customer_id_customer)
    REFERENCES Customer(ID_customer),
    CONSTRAINT Transaksi_Pegawai_FK FOREIGN KEY (Pegawai_NIK) REFERENCES
    Pegawai(NIK)
);

```

```

CREATE TABLE Transaksi_minuman (
    TM_Menu_minuman_ID CHAR(6) NOT NULL,
    TM_Transaksi_ID CHAR(10) NOT NULL,
    Jumlah_cup INT NOT NULL,
    CONSTRAINT Transaksi_minuman_PK PRIMARY KEY (TM_Menu_minuman_ID,
    TM_Transaksi_ID),
    CONSTRAINT TM_ID_Menu_minuman_FK FOREIGN KEY (TM_Menu_minuman_ID)
    REFERENCES Customer(ID_customer),
    CONSTRAINT TM_ID_Transaksi_FK FOREIGN KEY (TM_Transaksi_ID) REFERENCES
    Transaksi(ID_transaksi)
);

```

```

CREATE TABLE Membership(
    id_membership CHAR(6) NOT NULL,

```

```
no_telepon_customer VARCHAR(15) NOT NULL,  
alamat_customer VARCHAR(100) NOT NULL,  
tanggal_pembuatan_kartu_membership DATE NOT NULL,  
tanggal_kedaluawarsa_kartu_membership DATE,  
total_poin INT NOT NULL,  
customer_id_customer CHAR(6) NOT NULL  
);
```

```
ALTER TABLE Membership ADD CONSTRAINT PK_Membership PRIMARY KEY  
(id_membership);
```

```
ALTER TABLE Membership ADD CONSTRAINT FK_Customer_Membership FOREIGN KEY  
(customer_id_customer) REFERENCES Customer(ID_customer) ON DELETE RESTRICT ON  
UPDATE CASCADE;
```

```
ALTER TABLE transaksi DROP FOREIGN KEY transaksi_ibfk_1;
```

```
ALTER TABLE Transaksi ADD CONSTRAINT FK_Customer_Transaksi FOREIGN KEY  
(Customer_id_customer) REFERENCES Customer(ID_customer) ON UPDATE CASCADE ON  
DELETE CASCADE;
```

```
ALTER TABLE Membership ALTER tanggal_pembuatan_kartu_membership SET  
DEFAULT(CURDATE());
```

```
ALTER TABLE Membership ADD CHECK (total_poin >= 0);
```

```
ALTER TABLE membership MODIFY alamat_customer VARCHAR(150);
```

```
DROP TABLE Telepon;
```

```
ALTER TABLE Pegawai ADD No_Telp_Pegawai VARCHAR(15);
```

```
INSERT INTO Customer (ID_customer, Nama_customer)  
VALUES ('CTR001','Budi Santoso');
```

```
INSERT INTO Customer (ID_customer, Nama_customer)  
VALUES ('CTR002','Sisil Triana');
```

```
INSERT INTO Customer (ID_customer, Nama_customer)  
VALUES ('CTR003','Davi Liam');
```

```
INSERT INTO Customer (ID_customer, Nama_customer)
VALUES ('CTRo04','Sutris Ten An');
```

```
INSERT INTO Customer (ID_customer, Nama_customer)
VALUES ('CTR005','Hendra Asto');
```

```
INSERT INTO Membership (id_membership, no_telepon_customer, alamat_customer,
tanggal_pembuatan_kartu_membership, tanggal_kedaluawarsa_kartu_membership, total_poin,
customer_id_customer)
VALUES ('MBR001', '08123456789', 'Jl. Imam Bonjol', '2023-10-24', '2023-11-30', '0', 'CTR001');
```

```
INSERT INTO Membership (id_membership, no_telepon_customer, alamat_customer,
tanggal_pembuatan_kartu_membership, tanggal_kedaluawarsa_kartu_membership, total_poin,
customer_id_customer)
VALUES ('MBR002', '0812345678', 'Jl. Kelinci', '2023-10-24', '2023-11-30', '3', 'CTR002');
```

```
INSERT INTO Membership (id_membership, no_telepon_customer, alamat_customer,
tanggal_pembuatan_kartu_membership, tanggal_kedaluawarsa_kartu_membership, total_poin,
customer_id_customer)
VALUES ('MBR003', '081234567890', 'Jl. Abah Ojak', '2023-10-25', '2023-12-01', '2', 'CTR003');
```

```
INSERT INTO Membership (id_membership, no_telepon_customer, alamat_customer,
tanggal_pembuatan_kartu_membership, tanggal_kedaluawarsa_kartu_membership, total_poin,
customer_id_customer)
VALUES ('MBR004', '0898765432', 'Jl. Kenangan', '2023-10-26', '2023-12-02', '6', 'CTR005');
```

```
INSERT INTO Pegawai (NIK, Nama_pegawai, Jenis_kelamin, Email, Umur, No_Telp_Pegawai)
VALUES ('1234567890123456', 'Naufal Raf', 'L', 'naufal@gmail.com', '19', '62123456789');
```

```
INSERT INTO Pegawai (NIK, Nama_pegawai, Jenis_kelamin, Email, Umur, No_Telp_Pegawai)
VALUES ('2345678901234561', 'Surinala ', 'P', 'surinala@gmail.com', '24', '621234567890');
```

```
INSERT INTO Pegawai (NIK, Nama_pegawai, Jenis_kelamin, Email, Umur, No_Telp_Pegawai)
VALUES ('3456789012345612', 'Ben John ', 'L', 'benjohn@gmail.com', '22', '6212345678');
```

```
INSERT INTO Transaksi (ID_transaksi, Tanggal_transaksi, Metode_pembayaran, Pegawai_NIK, Customer_id_customer)
```

```
VALUES ('TRX0000001','2023-10-01', 'Kartu kredit', '2345678901234561', 'CTR002');
```

```
INSERT INTO Transaksi (ID_transaksi, Tanggal_transaksi, Metode_pembayaran, Pegawai_NIK, Customer_id_customer)
```

```
VALUES ('TRX0000002','2023-10-03', 'Transfer bank', '3456789012345612', 'CTRo04');
```

```
INSERT INTO Transaksi (ID_transaksi, Tanggal_transaksi, Metode_pembayaran, Pegawai_NIK, Customer_id_customer)
```

```
VALUES ('TRX0000003','2023-10-05', 'Tunai', '3456789012345612', 'CTR001');
```

```
INSERT INTO Transaksi (ID_transaksi, Tanggal_transaksi, Metode_pembayaran, Pegawai_NIK, Customer_id_customer)
```

```
VALUES ('TRX0000004','2023-10-15', 'Kartu debit', '1234567890123456', 'CTR003');
```

```
INSERT INTO Transaksi (ID_transaksi, Tanggal_transaksi, Metode_pembayaran, Pegawai_NIK, Customer_id_customer)
```

```
VALUES ('TRX0000005','2023-10-15', 'E-wallet', '1234567890123456 ', 'CTRo04');
```

```
INSERT INTO Transaksi (ID_transaksi, Tanggal_transaksi, Metode_pembayaran, Pegawai_NIK, Customer_id_customer)
```

```
VALUES ('TRX0000006','2023-10-21', 'Tunai', '2345678901234561', 'CTR001');
```

```
INSERT INTO Menu_minuman (ID_minuman, Nama_minuman, Harga_minuman)
```

```
VALUES ('MNM001', 'Espresso', '18000');
```

```
INSERT INTO Menu_minuman (ID_minuman, Nama_minuman, Harga_minuman)
```

```
VALUES ('MNM002', 'Cappuccino', '20000');
```

```
INSERT INTO Menu_minuman (ID_minuman, Nama_minuman, Harga_minuman)
```

```
VALUES ('MNM003', 'Latte', '21000');
```

```
INSERT INTO Menu_minuman (ID_minuman, Nama_minuman, Harga_minuman)
```

```
VALUES ('MNM004', 'Americano', '19000');
```

```
INSERT INTO Menu_minuman (ID_minuman, Nama_minuman, Harga_minuman)
```

```
VALUES ('MNM005', 'Mocha', '22000');
```

```
INSERT INTO Menu_minuman (ID_minuman, Nama_minuman, Harga_minuman)
VALUES ('MNM006', 'Macchiato', '23000');
INSERT INTO Menu_minuman (ID_minuman, Nama_minuman, Harga_minuman)
VALUES ('MNM007', 'Cold Brew', '21000');
INSERT INTO Menu_minuman (ID_minuman, Nama_minuman, Harga_minuman)
VALUES ('MNM008', 'Iced Coffee', '18000');
INSERT INTO Menu_minuman (ID_minuman, Nama_minuman, Harga_minuman)
VALUES ('MNM009', 'Affogato', '23000');
INSERT INTO Menu_minuman (ID_minuman, Nama_minuman, Harga_minuman)
VALUES ('MNM010', 'Coffee Frappe', '22000');
```

```
INSERT INTO Transaksi_minuman(TM_Transaksi_ID, TM_Menu_minuman_ID,Jumlah_cup)
VALUES ('TRX0000005', 'MNM006', '2');
INSERT INTO Transaksi_minuman(TM_Transaksi_ID, TM_Menu_minuman_ID,Jumlah_cup)
VALUES ('TRX0000001', 'MNM010', '1');
INSERT INTO Transaksi_minuman(TM_Transaksi_ID, TM_Menu_minuman_ID,Jumlah_cup)
VALUES ('TRX0000002', 'MNM005', '1');
INSERT INTO Transaksi_minuman(TM_Transaksi_ID, TM_Menu_minuman_ID,Jumlah_cup)
VALUES ('TRX0000005', 'MNM009', '1');
INSERT INTO Transaksi_minuman(TM_Transaksi_ID, TM_Menu_minuman_ID,Jumlah_cup)
VALUES ('TRX0000003', 'MNM001', '3');
INSERT INTO Transaksi_minuman(TM_Transaksi_ID, TM_Menu_minuman_ID,Jumlah_cup)
VALUES ('TRX0000006', 'MNM003', '2');
INSERT INTO Transaksi_minuman(TM_Transaksi_ID, TM_Menu_minuman_ID,Jumlah_cup)
VALUES ('TRX0000004', 'MNM004', '2');
INSERT INTO Transaksi_minuman(TM_Transaksi_ID, TM_Menu_minuman_ID,Jumlah_cup)
VALUES ('TRX0000004', 'MNM010', '1');
INSERT INTO Transaksi_minuman(TM_Transaksi_ID, TM_Menu_minuman_ID,Jumlah_cup)
VALUES ('TRX0000002', 'MNM003', '2');
INSERT INTO Transaksi_minuman(TM_Transaksi_ID, TM_Menu_minuman_ID,Jumlah_cup)
VALUES ('TRX0000001', 'MNM007', '1');
```

```
INSERT INTO Transaksi_minuman(TM_Transaksi_ID, TM_Menu_minuman_ID,Jumlah_cup)
VALUES ('TRX0000005', 'MNM001', '1');
```

```
INSERT INTO Transaksi_minuman(TM_Transaksi_ID, TM_Menu_minuman_ID,Jumlah_cup)
VALUES ('TRX0000003', 'MNM003', '1');
```

```
INSERT INTO Transaksi (ID_transaksi, Tanggal_transaksi, Metode_pembayaran, Pegawai_NIK,
Customer_id_customer)
```

```
VALUES ('TRX0000007','2023-10-3', 'Transfer bank', '2345678901234561', 'CTRo04');
```

```
INSERT INTO Transaksi_minuman(TM_Transaksi_ID, TM_Menu_minuman_ID,Jumlah_cup)
VALUES ('TRX0000007', 'MNM005', '1');
```

```
INSERT INTO Pegawai (NIK, Nama_pegawai, Umur)
```

```
VALUES ('1111222233334444', 'Maimunah', '25');
```

```
UPDATE Customer SET ID_customer = 'CTR004' WHERE ID_customer = 'CTRo04';
```

```
UPDATE Pegawai SET Jenis_kelamin = 'P', Email = 'maimunah@gmail.com', No_Telp_Pegawai =
'621234567' WHERE NIK = 1111222233334444;
```

```
UPDATE Membership SET total_poin = '0' WHERE tanggal_kedaluawarsa_kartu_membership =
'2023-11-30';
```

```
DELETE FROM Membership;
```

```
DELETE FROM Pegawai WHERE Nama_pegawai = 'Maimunah';
```

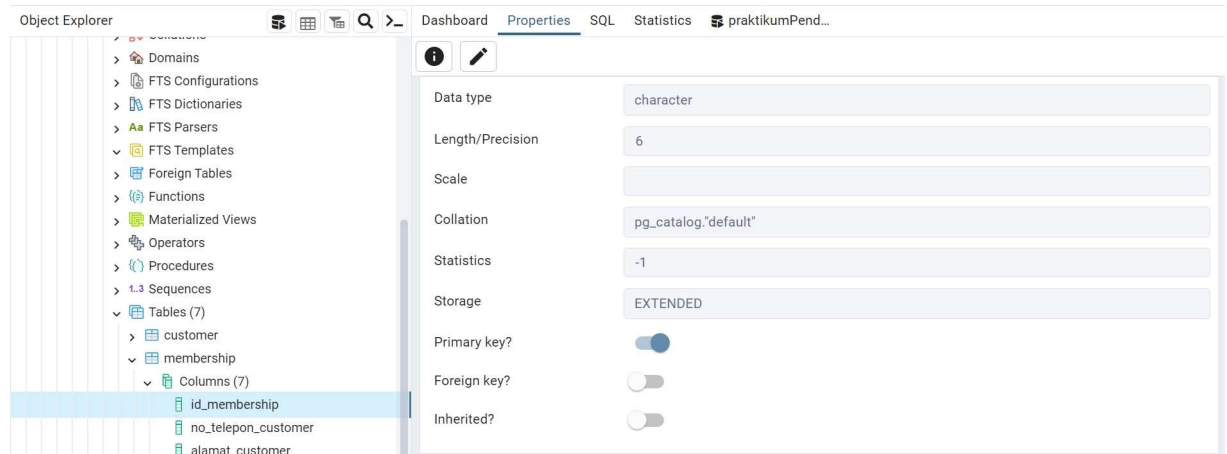
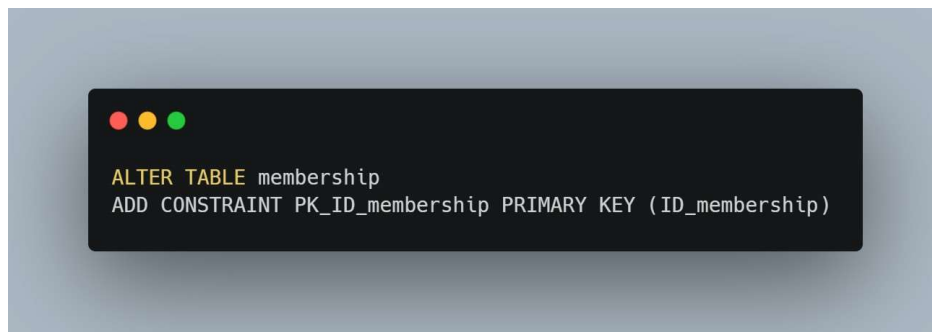
Nomor 2

```
CREATE TABLE Membership (  
    id_membership CHAR(6) NOT NULL,  
    no_telepon_customer VARCHAR(15) NOT NULL,  
    alamat_customer VARCHAR(150),  
    tanggal_pembuatan_kartu_membership DATE NOT NULL,  
    tanggal_kedaluawarsa_kartu_membership DATE NOT NULL,  
    total_poin INT NOT NULL,  
    customer_id_customer CHAR(6) NOT NULL  
)
```

Tables (7)

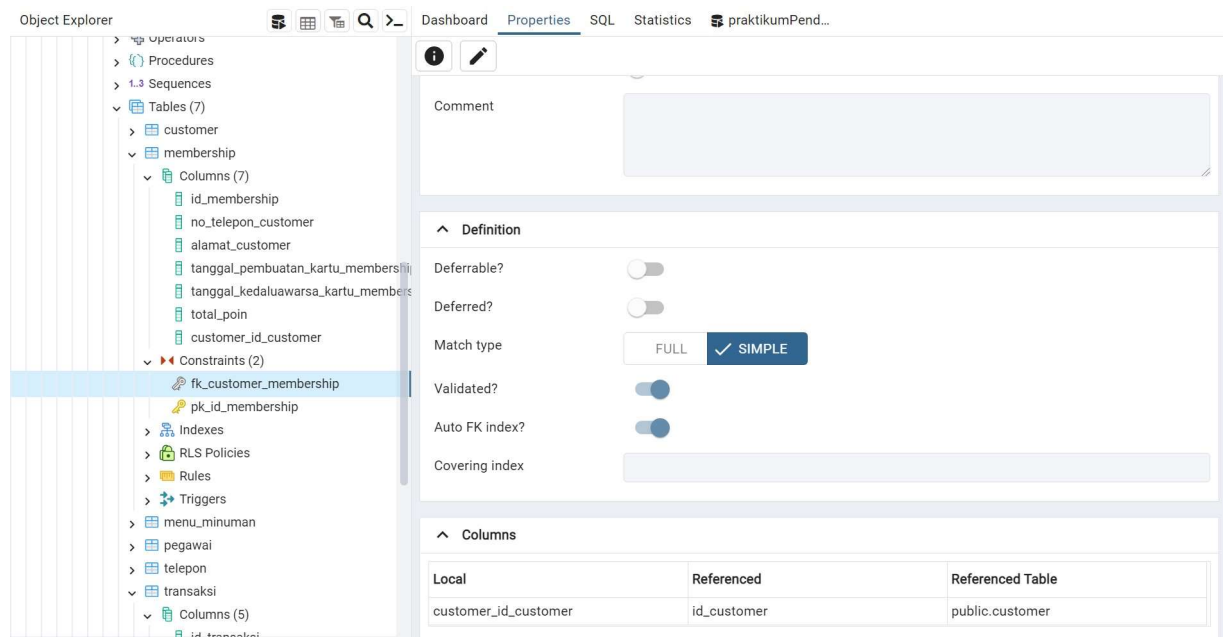
- > customer
- > membership
- > menu_minuman
- > pegawai
- > telepon
- > transaksi
- > transaksi_minuman

A)

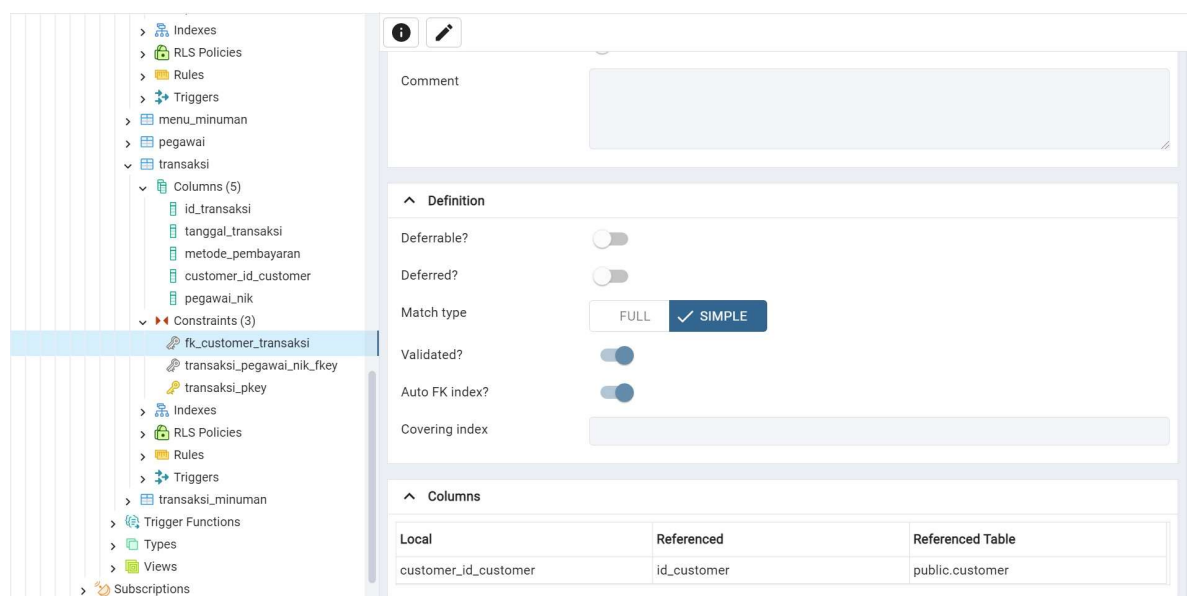
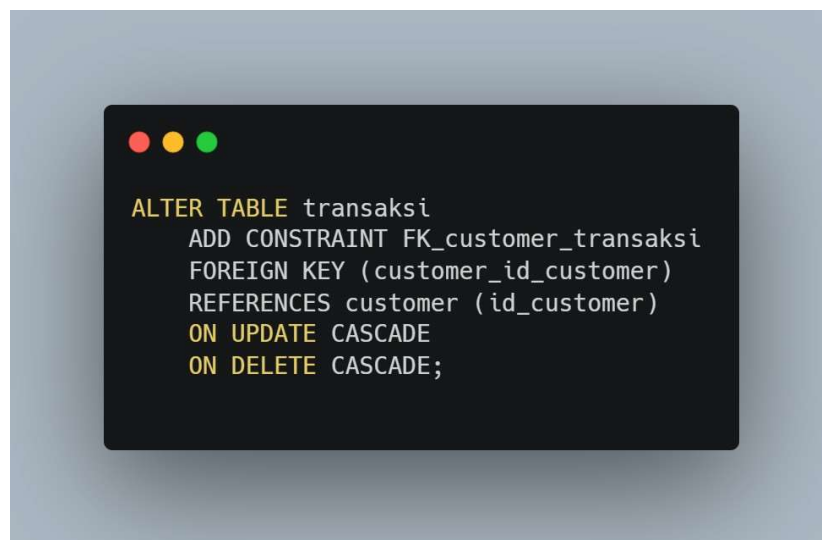


B)



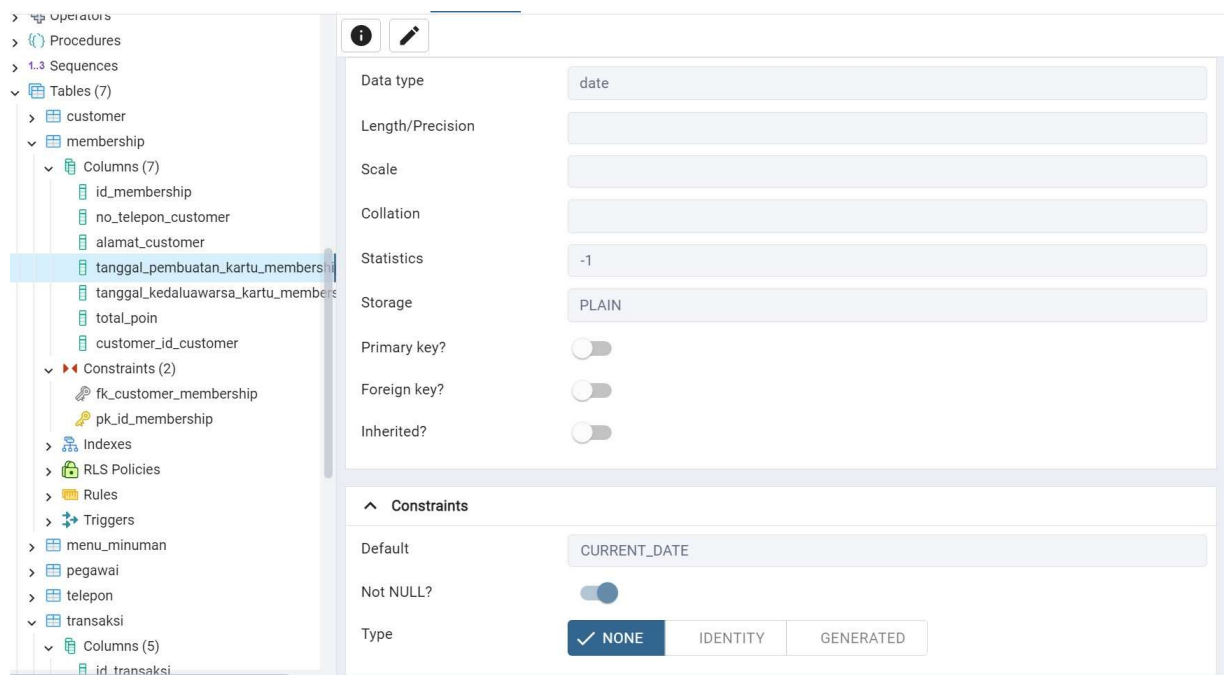


C)



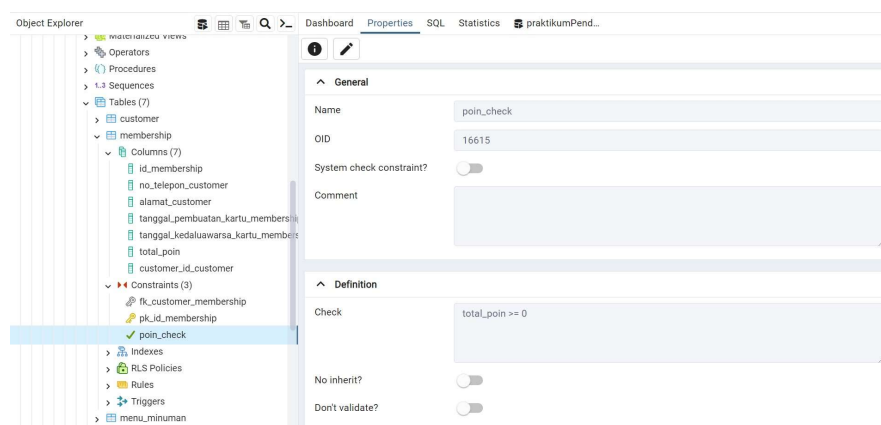
D)

```
ALTER TABLE membership
    ALTER COLUMN tanggal_pembuatan_kartu_membership SET DEFAULT
    CURRENT_DATE;
```



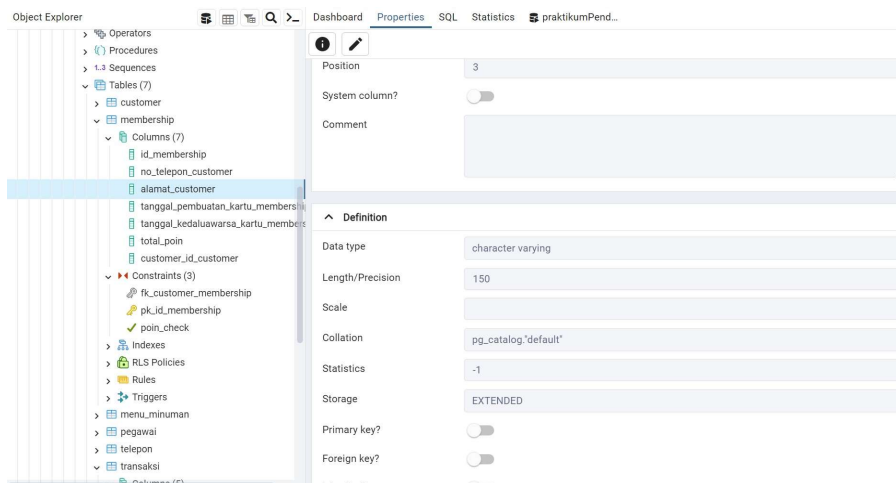
E)

```
ALTER TABLE nama_tabel
    ADD CONSTRAINT nama_constraint CHECK (total_poin >= 0);
```



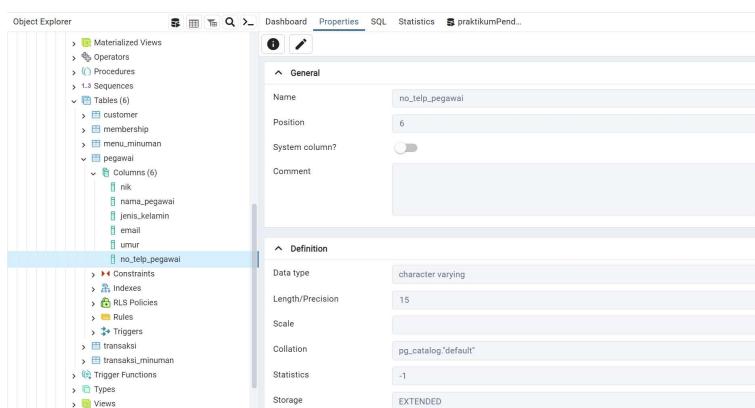
F)

```
ALTER TABLE membership
    ALTER COLUMN alamat_customer TYPE
    VARCHAR(150);
```



Nomor 3

```
DROP TABLE telepon;
ALTER TABLE pegawai
    ADD COLUMN no_telp_pegawai VARCHAR(15);
```



Nomor 4

```

INSERT INTO customer
VALUES
    ('CTR001', 'Budi Santoso'),
    ('CTR002', 'Sisil Triana'),
    ('CTR003', 'Davi Liam'),
    ('CTR004', 'Sutris Ten An'),
    ('CTR005', 'Hendra Asto');

INSERT INTO membership
VALUES
    ('MBR001', '08123456789', 'Jl. Imam Bonjol', '2023-10-24', '2023-11-30', 0, 'CTR001'),
    ('MBR002', '0812345678', 'Jl. Kelinci', '2023-10-24', '2023-11-30', 3, 'CTR002'),
    ('MBR003', '081234567890', 'Jl. Abah Ojak', '2023-10-25', '2023-12-01', 2, 'CTR003'),
    ('MBR004', '08987654321', 'Jl. Kenangan', '2023-10-26', '2023-12-02', 6, 'CTR005');

INSERT INTO Pegawai (NIK, nama_pegawai, jenis_kelamin, email, umur, no_telp_pegawai)
VALUES
    ('1234567890123456', 'Naufal Raf', 'L', 'naufal@gmail.com', 19, '62123456789'),
    ('2345678901234561', 'Surinala', 'P', 'surinala@gmail.com', 24, '621234567890'),
    ('3456789012345612', 'Ben John', 'L', 'benjohn@gmail.com', 22, '6212345678');

INSERT INTO transaksi (id_transaksi, "tanggal_transaksi", "metode_pembayaran", "pegawai_nik",
"customer_id_customer")
VALUES
    ('TRX0000001', '2023-10-01', 'Kartu kredit', '2345678901234561', 'CTR002'),
    ('TRX0000002', '2023-10-03', 'Transfer bank', '3456789012345612', 'CTR004'),
    ('TRX0000003', '2023-10-05', 'Tunai', '3456789012345612', 'CTR001'),
    ('TRX0000004', '2023-10-15', 'Kartu debit', '1234567890123456', 'CTR003'),
    ('TRX0000005', '2023-10-15', 'E-wallet', '1234567890123456', 'CTR004'),
    ('TRX0000006', '2023-10-21', 'Tunai', '2345678901234561', 'CTR001');

INSERT INTO menu_minuman ("id_minuman", "nama_minuman", "harga_minuman")
VALUES
    ('MNM001', 'Espresso', 18000),
    ('MNM002', 'Cappuccino', 20000),
    ('MNM003', 'Latte', 21000),
    ('MNM004', 'Americano', 19000),
    ('MNM005', 'Mocha', 22000),
    ('MNM006', 'Macchiato', 23000),
    ('MNM007', 'Cold Brew', 21000),
    ('MNM008', 'Iced Coffee', 18000),
    ('MNM009', 'Affogato', 23000),
    ('MNM010', 'Coffee Frappe', 22000);

INSERT INTO transaksi_minuman ("tm_transaksi_id", "tm_menu_minuman_id", "jumlah_cup")
VALUES
    ('TRX0000005', 'MNM006', 2),
    ('TRX0000001', 'MNM010', 1),
    ('TRX0000002', 'MNM005', 1),
    ('TRX0000005', 'MNM009', 1),
    ('TRX0000003', 'MNM001', 3),
    ('TRX0000006', 'MNM003', 2),
    ('TRX0000004', 'MNM004', 2),
    ('TRX0000004', 'MNM010', 1),
    ('TRX0000002', 'MNM003', 2),
    ('TRX0000001', 'MNM007', 1),
    ('TRX0000005', 'MNM001', 1),
    ('TRX0000003', 'MNM003', 1);

```

	id_minuman [PK] character	nama_minuman character varying (50)	harga_minuman numeric (8,2)
1	MNM001	Espresso	18000.00
2	MNM002	Cappuccino	20000.00
3	MNM003	Latte	21000.00
4	MNM004	Americano	19000.00
5	MNM005	Mocha	22000.00
6	MNM006	Macchiato	23000.00
7	MNM007	Cold Brew	21000.00
8	MNM008	Iced Coffee	18000.00
9	MNM009	Affogato	23000.00
10	MNM010	Coffee Frappe	22000.00

	id_customer [PK] character	nama_customer character varying (100)
1	CTR001	Budi Santoso
2	CTR002	Sisil Triana
3	CTR003	Davi Liam
4	CTR005	Hendra Asto
5	CTR004	Sutris Ten An

	nik [PK] character	nama_pegawai character varying (100)	jenis_kelamin character	email character varying (50)	umur integer	no_telp_pegawai character varying (15)
1	1234567890123456	Naufal Raf	L	naufal@gmail.com	19	62123456789
2	2345678901234561	Surinala	P	surinala@gmail.com	24	621234567890
3	3456789012345612	Ben John	L	benjohn@gmail.com	22	6212345678

	id_membership [PK] character	no_telepon_customer character varying (15)	alamat_customer character varying (150)	tanggal_transaksi date	tanggal_transaksi date	id_customer character
1	MBR001	08123456789	Jl. Imam Bonjol	2023-10-24	2023-11-30	0 CTR001
2	MBR002	0812345678	Jl. Kelinci	2023-10-24	2023-11-30	3 CTR002
3	MBR003	081234567890	Jl. Abah Ojak	2023-10-25	2023-12-01	2 CTR003
4	MBR004	08987654321	Jl. Kenangan	2023-10-26	2023-12-02	6 CTR005

	id_transaksi [PK] character	tanggal_transaksi date	metode_pembayaran character varying (15)	customer_id_customer character	pegawai_nik character
1	TRX0000001	2023-10-01	Kartu kredit	CTR002	2345678901234561
2	TRX0000002	2023-10-03	Transfer bank	CTR004	3456789012345612
3	TRX0000003	2023-10-05	Tunai	CTR001	3456789012345612
4	TRX0000004	2023-10-15	Kartu debit	CTR003	1234567890123456
5	TRX0000005	2023-10-15	E-wallet	CTR004	1234567890123456
6	TRX0000006	2023-10-21	Tunai	CTR001	2345678901234561

	tm_menu_minuman_id [PK] character	tm_transaksi_id [PK] character	jumlah_cup integer
1	MNM006	TRX0000005	2
2	MNM010	TRX0000001	1
3	MNM005	TRX0000002	1
4	MNM009	TRX0000005	1
5	MNM001	TRX0000003	3
6	MNM003	TRX0000006	2
7	MNM004	TRX0000004	2
8	MNM010	TRX0000004	1
9	MNM003	TRX0000002	2
10	MNM007	TRX0000001	1
11	MNM001	TRX0000005	1
12	MNM003	TRX0000003	1

Nomor 5

```

INSERT INTO transaksi (id_transaksi, tanggal_transaksi, metode_pembayaran, customer_id_customer,
pegawai_nik)
VALUES ('TRX0000007', '2023-10-03', 'Transfer Bank', 'CTR004', '2345678901234561');

```

	id_transaksi [PK] character	tanggal_transaksi date	metode_pembayaran character varying (15)	customer_id_customer character	pegawai_nik character
1	TRX0000001	2023-10-01	Kartu kredit	CTR002	2345678901234561
2	TRX0000002	2023-10-03	Transfer bank	CTR004	3456789012345612
3	TRX0000003	2023-10-05	Tunai	CTR001	3456789012345612
4	TRX0000004	2023-10-15	Kartu debit	CTR003	1234567890123456
5	TRX0000005	2023-10-15	E-wallet	CTR004	1234567890123456
6	TRX0000006	2023-10-21	Tunai	CTR001	2345678901234561
7	TRX0000007	2023-10-03	Transfer Bank	CTR004	2345678901234561

Nomor 6

```
INSERT INTO pegawai (nik, nama_pegawai, umur)
VALUES ('1111222233334444', 'Maimunah', 25);
```

	nik [PK] character	nama_pegawai character varying (100)	jenis_kelamin character	email character varying (50)	umur integer	no_telp_pegawai character varying (15)
1	1234567890123456	Naufal Raf	L	naufal@gmail.com	19	62123456789
2	2345678901234561	Surinala	P	surinala@gmail.com	24	621234567890
3	3456789012345612	Ben John	L	benjohn@gmail.com	22	6212345678
4	1111222233334444	Maimunah	[null]	[null]	25	[null]

Nomor 7

```
UPDATE customer
SET id_customer = 'CTR004'
WHERE id_customer = 'CTR004';
```

	id_customer [PK] character	nama_customer character varying (100)
1	CTR001	Budi Santoso
2	CTR002	Sisil Triana
3	CTR003	Davi Liam
4	CTR005	Hendra Asto
5	CTR004	Sutris Ten An

Nomor 8

```
UPDATE Pegawai
SET jenis_kelamin = 'P',
    Email = 'maimunah@gmail.com',
    no_telp_pegawai = '621234567'
WHERE NIK = '1111222233334444';
```

	nik [PK] character	nama_pegawai character varying (100)	jenis_kelamin character	email character varying (50)	umur integer	no_telp_pegawai character varying (15)
1	1234567890123456	Naufal Raf	L	naufal@gmail.com	19	62123456789
2	2345678901234561	Surinala	P	surinala@gmail.com	24	621234567890
3	3456789012345612	Ben John	L	benjohn@gmail.com	22	6212345678
4	1111222233334444	Maimunah	P	maimunah@gmail.com	25	621234567

Nomor 9


```
UPDATE Membership
SET total_poin = 0
WHERE tanggal_kedaluawarsa_kartu_membership < '2023-12-01';
```

	customer_id_customer character	total_poin integer	tanggal_kedaluawarsa_kartu_membership date	tanggal_pembuatan_kartu_membership date
1	CTR003	2	2023-12-01	2023-10-25
2	CTR005	6	2023-12-02	2023-10-26
3	CTR001	0	2023-11-30	2023-10-24
4	CTR002	0	2023-11-30	2023-10-24

Nomor 10

```
DELETE FROM Membership;
```

id_membership [PK] character	no_telepon_customer character varying (15)	alamat_customer character varying (150)	tanggal_pembuatan_kartu_membership date	tanggal_kedaluawarsa_kartu_membership date	total_poin integer	customer_id character
---------------------------------	---	--	--	---	-----------------------	--------------------------

Nomor 11

```
DELETE FROM Pegawai
WHERE Nama_pegawai =
'Maimunah';
```

nik [PK] character	nama_pegawai character varying (100)	jenis_kelamin character	email character varying (50)	umur integer	no_telp_pegawai character varying (15)
1	Naufal Raf	L	naufal@gmail.com	19	62123456789
2	Surinala	P	surinala@gmail.com	24	621234567890
3	Ben John	L	benjohn@gmail.com	22	6212345678