

PELANGGAN

```
CREATE TYPE status_member_type AS ENUM ('Member', 'Non Member');
CREATE TABLE pelanggan (
    pelanggan_id VARCHAR(5) PRIMARY KEY,
    nama_pelanggan VARCHAR(100),
    nomor_telpon VARCHAR(20),
    status_member status_member_type
);

CREATE SEQUENCE IF NOT EXISTS pelanggan_id_seq
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;

ALTER TABLE pelanggan
    ALTER COLUMN pelanggan_id SET DEFAULT 'P' ||
to_char(nextval('pelanggan_id_seq'), 'FM0000');

INSERT INTO pelanggan (nama_pelanggan, nomor_telpon, status_member)
VALUES ('Kadir', '877123333', 'Non Member'),
       ('Basuki', '812399123', 'Non Member'),
       ('Munaro', '888901920', 'Member'),
       ('Adinda', '815343411', 'Non Member'),
       ('Rozak', '857129823', 'Non Member'),
       ('Devi', '877745983', 'Member'),
       ('Qibil', '821834583', 'Non Member'),
       ('Nurman', '877567211', 'Non Member');
```

HASIL SELECT

pelanggan_id	nama_pelanggan	nomor_telpon	status_member
abc Filter...	abc Filter...	abc Filter...	abc Filter...
P0001	Kadir	877123333	Non Member
P0002	Basuki	812399123	Non Member
P0003	Munaro	888901920	Member
P0004	Adinda	815343411	Non Member
P0005	Rozak	857129823	Non Member
P0006	Devi	877745983	Member
P0007	Qibil	821834583	Non Member
P0008	Nurman	877567211	Non Member

ITEM

```
CREATE TABLE item
(
    item_id VARCHAR(5) PRIMARY KEY,
    nama_item VARCHAR(100),
    harga_satuan INT
);

CREATE SEQUENCE IF NOT EXISTS item_id_seq
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;

ALTER TABLE item
    ALTER COLUMN item_id SET DEFAULT 'M' ||
to_char(nextval('item_id_seq'), 'FM0000');
-- INSERT
INSERT INTO item (nama_item, harga_satuan)
VALUES
('Aneka Gorengan', 2000),
('Es Ovaltine', 6000),
('Es Teh Manis', 1500),
('Es Teh Tawar', 1500),
('Indomie Goreng Telor', 10000),
('Indomie Kari Ayam Telor', 10000),
('Kopi Kapal Api', 4000),

DST.....
```

item_id	nama_item	harga_satuan
abc Filter...	abc Filter...	abc Filter...
M0001	Aneka Gorengan	2000
M0002	Es Ovaltine	6000
M0003	Es Teh Manis	1500
M0004	Es Teh Tawar	1500
M0005	Indomie Goreng Telor	10000
M0006	Indomie Kari Ayam T...	10000
M0007	Kopi Kapal Api	4000





TRANSAKSI

```
CREATE TABLE transaksi
(
    transaksi_id VARCHAR(5) PRIMARY KEY,
    pelanggan_id VARCHAR(5),
    tanggal DATE,
    nomor_meja VARCHAR(10),
    -- tipe_transaksi ENUM('dine-in', 'take away'),
    FOREIGN KEY (pelanggan_id) REFERENCES pelanggan (pelanggan_id)
);

CREATE SEQUENCE IF NOT EXISTS transaksi_id_seq
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;

ALTER TABLE transaksi
    ALTER COLUMN transaksi_id SET DEFAULT 'T' ||
to_char(nextval('transaksi_id_seq'), 'FM0000');

-- INSERT
INSERT INTO transaksi (pelanggan_id, tanggal, nomor_meja) VALUES
('P0001', '2022-06-01', 'T01'),
('P0002', '2022-06-01', 'T02'),
('P0003', '2022-06-01', 'T01'),
('P0004', '2022-06-02', 'Take Away'),
('P0002', '2022-06-03', 'T01')
```

transaksi_id	pelanggan_id	tanggal	nomor_meja
 Filter...	 Filter...	 Filter...	 Filter...
T0001	P0001	2022-06-01	T01
T0002	P0002	2022-06-01	T02
T0003	P0003	2022-06-01	T01
T0004	P0004	2022-06-02	Take Away
T0005	P0002	2022-06-03	T01
T0006	P0005	2022-06-03	T02
T0007	P0006	2022-06-03	T03
T0008	P0007	2022-06-03	T02
T0009	P0008	2022-06-03	T04
T0010	P0002	2022-06-04	T01
T0011	P0005	2022-06-04	T04
T0012	P0005	2022-06-05	Take Away

```

-- DETAIL TRANSAKSI
CREATE TABLE detail_transaksi
(
    detail_transaksi_id VARCHAR(5) PRIMARY KEY,
    item_id VARCHAR(5),
    pelanggan_id VARCHAR(5),
    transaksi_id VARCHAR(5),
    -- nama_item VARCHAR(100),
    kuantitas FLOAT,
    harga_satuan INT,
    FOREIGN KEY (item_id) REFERENCES item (item_id),
    FOREIGN KEY (pelanggan_id) REFERENCES pelanggan (pelanggan_id),
    FOREIGN KEY (transaksi_id) REFERENCES transaksi (transaksi_id)
);

CREATE SEQUENCE IF NOT EXISTS detail_transaksi_id_seq
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;







ALTER TABLE detail_transaksi
    ALTER COLUMN detail_transaksi_id SET DEFAULT 'T' ||
to_char(nextval('detail_transaksi_id_seq'), 'FM0000');

-- DROP TABLE detail_transaksi;

-- insert

INSERT INTO detail_transaksi (item_id, pelanggan_id, transaksi_id,
kuantitas, harga_satuan) VALUES
('M0010', 'P0001', 'T0001', 1, 3000),
('M0014', 'P0001', 'T0001', 1, 2000),
('M0016', 'P0001', 'T0001', 2, 2000),
('M0004', 'P0001', 'T0001', 1, 1500),
('M0010', 'P0002', 'T0002', 1, 3000),
('M0013', 'P0002', 'T0002', 1, 2500),

```

detail_transaksi...	item_id	pelanggan_id	transaksi_id	kuantitas	harga_satuan
 Filter...	 Filter...	 Filter...	 Filter...	 Filter...	 Filter...
T0071	M0010	P0001	T0001	1	3000
T0072	M0014	P0001	T0001	1	2000
T0073	M0016	P0001	T0001	2	2000
T0074	M0004	P0001	T0001	1	1500
T0075	M0010	P0002	T0002	1	3000
T0076	M0013	P0002	T0002	1	2500
T0077	M0020	P0002	T0002	2	2000
T0078	M0004	P0002	T0002	1	1500
T0079	M0008	P0003	T0003	1	12000
T0080	M0018	P0003	T0003	1	5000
T0081	M0020	P0004	T0004	1	35000