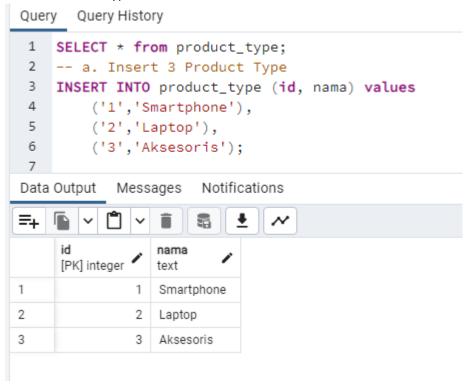
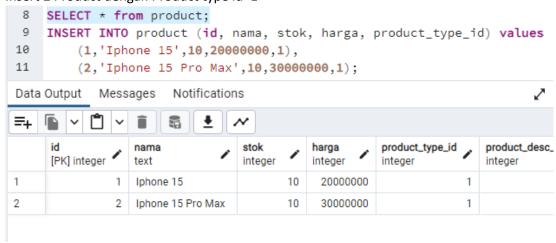
Task 3 – Data Manipulation Language

Release 1: Create, Update, and Delete Data

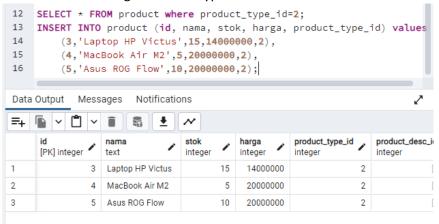
- 1. Insert
 - a. Insert 3 Product Type



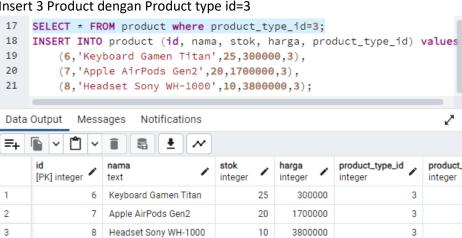
b. Insert 2 Product dengan Product type id=1



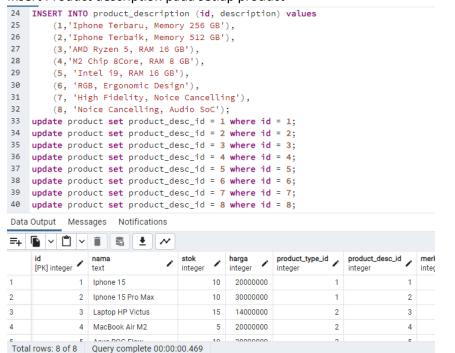
c. Insert 3 Product dengan Product type id=2



d. Insert 3 Product dengan Product type id=3



e. Insert Product description pada setiap product



f. Insert 3 Payment Methods

```
SELECT * FROM payment_method;
42
43
     INSERT INTO payment_method (id, nama) values
44
          (1, 'Cash/Tunai'),
45
          (2, 'Debit'),
46
          (3, 'e-Wallet');
Data Output Messages Notifications
                  nama
     [PK] integer
                  text
1
                   Cash/Tunai
2
                2
                   Debit
3
                3
                   e-Wallet
```

g. Insert 5 pelanggan pada tabel pelanggan

1 Adam 2 Nurul

3 Taufik

4

Kurrahman

Amanda Nisa

```
SELECT * FROM pelanggan;
 INSERT INTO pelanggan (id, nama, alamat, tanggal_lahir, gender, created_at, email) values
      (1,'Adam','Jakarta Pusat','2000-01-01','Laki-Laki','2023-09-15','adam@gm.com'),
      (2,'Nurul','Bekasi','2000-02-02','Perempuan','2023-09-05','nurul@gm.com'),
      (3,'Taufik','Jakarta Utara','2000-03-03','Laki-Laki','2023-09-01','taufik@gm.com'),
      (4, 'Kurrahman', 'Malang', '2000-04-04', 'Laki-Laki', '2023-09-10', 'kurrahman@gm.com'),
      (5, 'Amanda Nisa', 'Bandung', '2000-05-09', 'Perempuan', '2023-09-09', 'mandanisa@gm.com');
a Output Messages Notifications
 <u>+</u>
              tanggal_lahir
                                                              created_at
              nama
                          alamat
                                                    gender
                                                                          email
 [PK] integer
              text
                          text
                                                    gender
                                                              date
                          Jakarta Pusat
                                       2000-01-01
                                                    Laki-Laki
                                                               2023-09-15
              Adam
                                                                          adam@gm.com
```

Perempuan

Laki-Laki

Laki-Laki

Perempuan

2023-09-05

2023-09-01

2023-09-10

2023-09-09

nurul@gm.com

taufik@gm.com

kurrahman@gm.com

mandanisa@gm.com

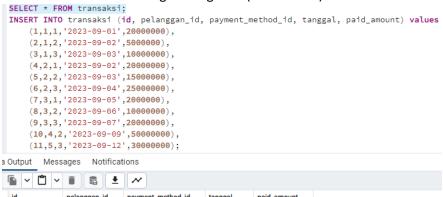
h. Insert 3 Transaksi di masing-masing user (min. 3 User)

Bekasi

Malang

Bandung

Jakarta Utara



2000-02-02

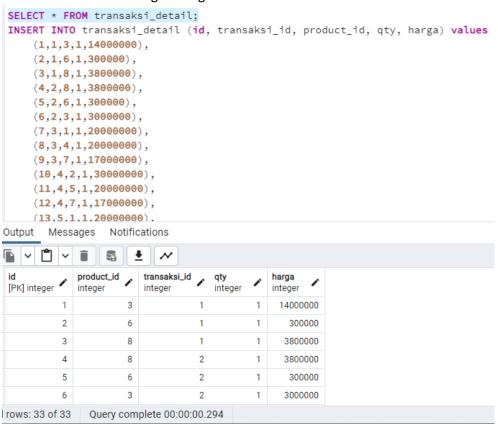
2000-03-03

2000-04-04

2000-05-09

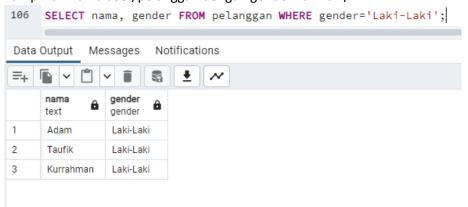
a Output Wess	sayes inotificat	10113				
id [PK] integer	pelanggan_id integer	payment_method_id integer	,	tanggal date	paid_amount /	
1	1		1	2023-09-01	20000000	
2	1		2	2023-09-02	5000000	
3	1		3	2023-09-03	10000000	
4	2		1	2023-09-02	20000000	
5	2		2	2023-09-03	15000000	
6	2		3	2023-09-04	25000000	
al rows: 11 of 11	Query complete 00:00:00.561					

i. Insert 3 Product di masing-masing transaksi



2. Select

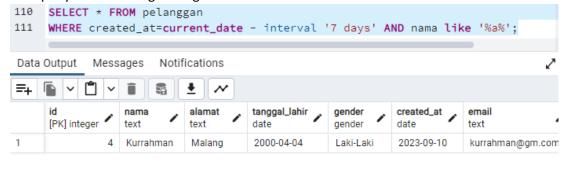
a. Tampilkan nama user/pelanggan dengan gender Laki-laki/M

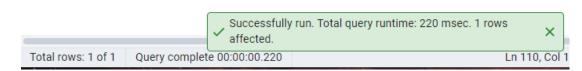


b. Tampilkan product dengan id=3

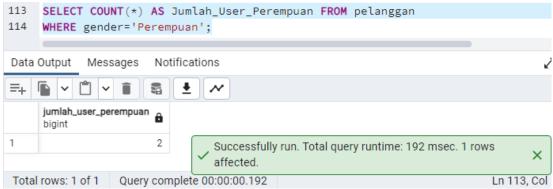


c. Tampilkan data pelanggan yang created_at dalam range 7 hari kebelakang dan mempunyai nama mengandung kata 'a'

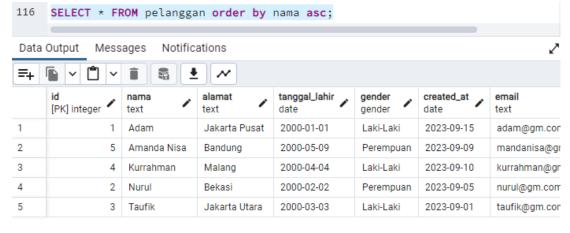


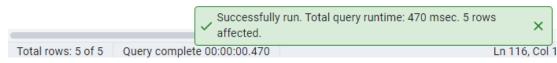


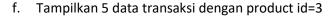
d. Hitung jumlah user/pelanggan dengan status gender Perempuan

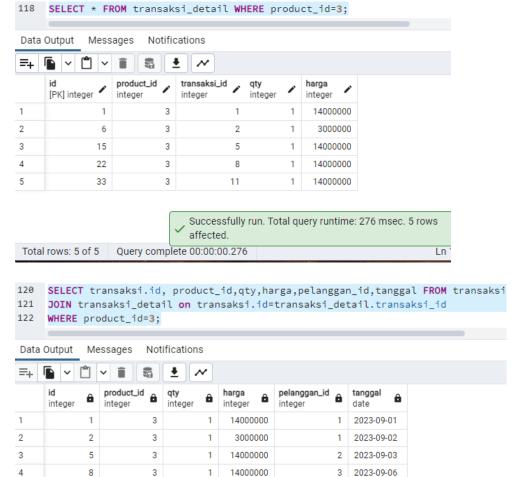


e. Tampilkan data pelanggan dengan urutan sesuai nama abjad









2023-09-12

14000000

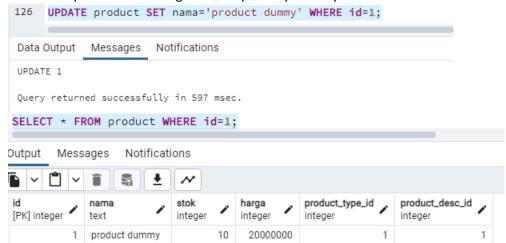
3. Update

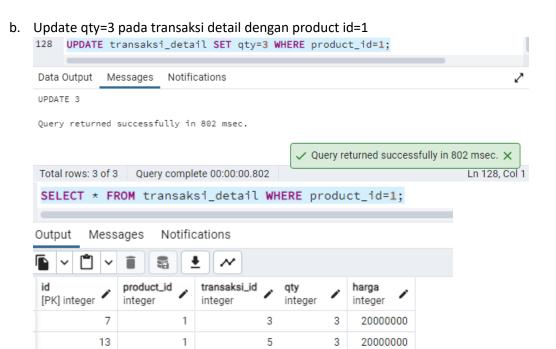
5

11

a. Ubah data product id=1 dnegan nama 'producy dummy'

3





7

3

20000000

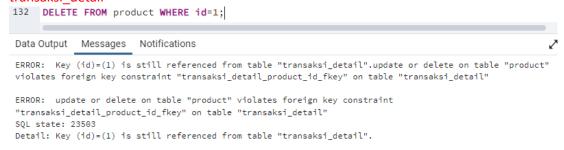
4. Delete

a. Delete data pada tabel product dengan id=1

1

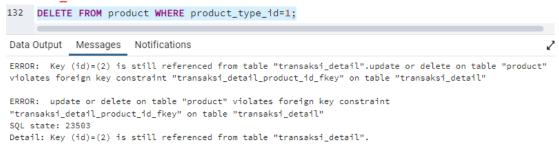
21

*Gagal krn tabel product terhubung dengan foreign_key di tabel transaksi detail



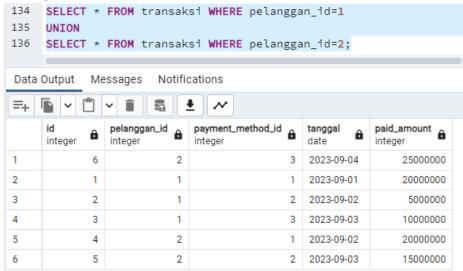
b. Delete pada tabel product dengan product_type id=1

*Gagal krn tabel product terhubung dengan foreign_key di tabel transaksi detail

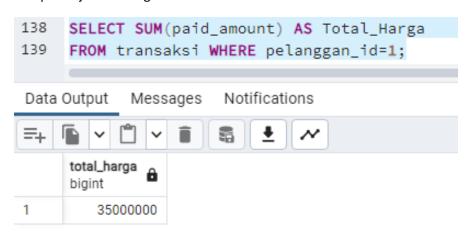


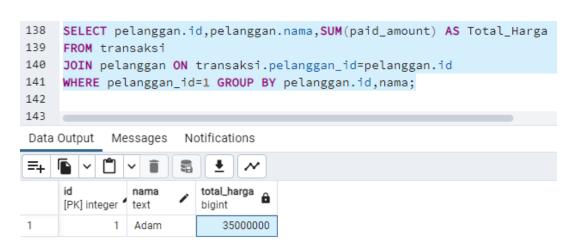
Release 2: Join, Union, Sub-query, Function

1. Gabungan data transaksi deri user id=1 dan user id=2

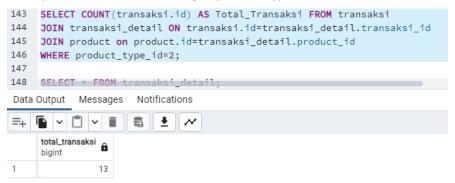


2. Tampilkan jumlah harga transaksi user id=1

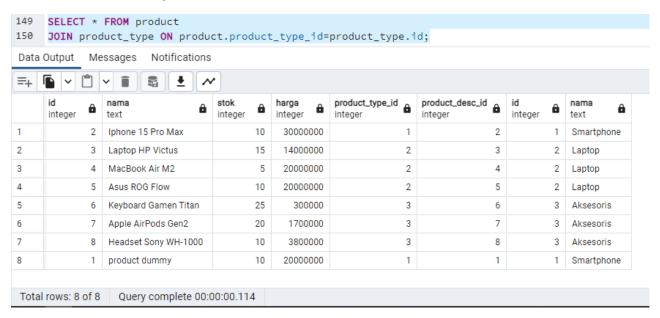




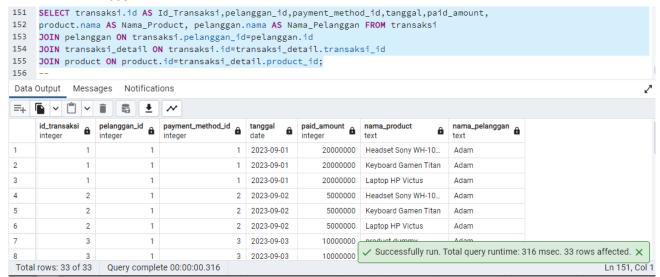
3. Tampilkan total transaksi dengan product type 2



4. Tampilkan semua field tabel product dan field name table product type yang saling berhubungan



5. Tampilkan semua field table transaksi, field name table product dan field name table user



6. Tampilkan data product yang tidak pernah ada di tabel transaksi detail dgn sub-query

