LAPORAN ACTIVITY

Mata Praktikum : Sistem Basis Data 1

Kelas : 3IA24

Praktikum ke- : 3

Tanggal : 5 Desember 2023

Materi : Equi & Outer Join

NPM : 50421704

Nama : Juan Samuel Christopher

Ketua Asisten : Madanil

Nama Asisten :

Paraf Asisten :

Jumlah Lembar : 4



LABORATORIUM TEKNIK INFORMATIKA

UNIVERSITAS GUNADARMA

LISTING PROGRAM

```
Ø luan mart/postgres@PostgreSQL 15
                                                                     ~ 森
 ■ B × /* Y × Notmit * ■ > * □ ■ * 등 등 등 • ●
Query Query History
 1 CREATE TABLE customer
 3 customer_id varchar(255) not null primary key,
          customer_name varcher(255),
           segment varchar (255),
          age int,
           country varchar(255),
          city varchar(255).
          postal_code varchar(255),
           region varchar(255)
 18
    34
 11
 12
insert into customer values ('TKD-5930246', 'Dodf', 'Customer', '21', 'Indonesia', 'Bekast', '15175', 'A');
insert into customer values ('TKD-5930246', 'Markel', 'Customer', '22', 'Indonesia', 'Depok', '13532', '2');
insert into customer values ('TKD-5932146', 'Wirnu', 'Customer', '24', 'Indonesia', 'Cikarang', '12484', '5');
insert into customer values ('TKD-4930246', 'Juan', 'Customer', '20', 'Indonesia', 'Bogor', '13733', 'C');
insert into customer values ('TKD-9930446', 'Ariep', 'Customer', '26', 'Indonesia', 'Bandung', '12452', 'Z');
    insert into customer values ('TKD-5937548', 'Aliep', 'Customer', '23', 'Indonesia', 'Jakarta', '17531', 'G');
18
19
     CREATE TABLE product
21
22
      product_id varchar(255) not null primary key,
23
           category varchar(255),
           sub_category Varchar(255),
24
25
           product name varchar(255)
26
27
    insert into product values ('M2812K11AG', 'Electronic', 'Smartphone', 'Xiaoni Poco F3');
insert into product values ('M221T18AG', 'Electronic', 'Smartphone', 'Xiaoni Redmi Note 18 Pro');
insert into product values ('M2241BASBM', 'Electronic', 'Smartphone', 'Xiaoni Lite 12');
28
29
30
    insert into product values ('AMSIS', 'Electronic', 'Laptop', 'Acer Nitro S');
insert into product values ('SMS278K11AG', 'Electronic', 'Smartphone', 'Sansung AS4 56');
insert into product values ('MX012K11TD', 'Electronic', 'Smartphone', 'Xiaomi Poco M3');
31
32
33
 35
    CREATE TABLE soles
32
     order_line int not null primary key,
38
          order_fd varchar(255),
39
          order date date.
 48
          ship date date.
          ship_mode varcher(255).
41
42
          customer_id varchar(255),
43
         product 1d varchar(255).
44
          sales double precision,
45
           quantity int.
45
           discount double precision.
           profit double precision
47
48
      insert into sales values ('091', 'INV-05122923-01', '5-12-2028', '6-12-2923', 'JNE',
49
                                         'TKD-5930248', 'M2012K11AG', '5699880', '1', '0.05', '0.85' );
58
51
52 insert into sales values ('002', 'INV-00122823-02', '0-12-2023', '7-12-2023', '5flambat', 'TKD-5530248', 'M221T10AG', '5499000', '1', '0.00', '0.05');
54
    insert into sales values ('883', 'INV-87122823-83', '7-12-2823', '8-12-2823', 'JAT',
55
                                         'THD-5932148', 'M2241BASRW', '3699888', '1', '8.1', '8.6' );
56
57
     insert into sales values ('884', '1MV-88122923-84', '8-12-2923', '9-12-2923', 'REG', 'THD-4538248', 'AM515', '13599888', '1', '8.85', '8.15' );
59
     insert into sales values ('885', 'INV-88122922-85', '9-12-2023', '18-12-2023', 'OKE',
61
62
                                         'THD-5935448', 'SM5276K11AG', '8699898', '1', '8.15', '0.07' );
63
64
     insert into sales values ('006', 'INV-10122023-06', '10-12-2023', '11-12-2023', 'JTR',
                                         "TKD-5937548", 'MK912K11TD", '2399988', '1', '9.8', '0.2' );
65
66
a? Select customer.customer_id, customer.customer.customer.city, seles.order_date, sales.ship_mode
68
      FROM customer, sales
      WHERE customer.customer id = sales.customer id
60
70
71 SELECT * FROM product JOIN sales ON product.product id = sales.product id
72
73 Select c.customer name, sa.ship date, sa.ship mode, p.product name
74
      FROM customer C, sales sa, product p
      WHERE c.customer_id = sa.customer_id and sa.product_id = p.product_id
75
```

OUTPUT PROGRAM

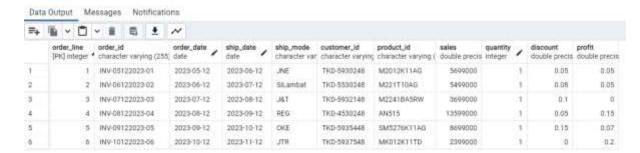
• Customer table



Product table



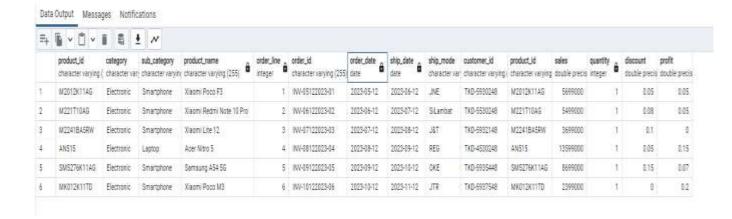
Sales table



Equi Join



• Join ON



• JOIN 3 table

