

LAPORAN ACTIVITY

Mata Praktikum : Sistem Basis Data 1
Kelas : 3IA24
Praktikum ke- : 4
Tanggal : 2 Januari 2024
Materi : Self Join
NPM : 50421704
Nama : Juan Samuel Christopher
Ketua Asisten : Madanil
Nama Asisten :
Paraf Asisten :
Jumlah Lembar : 4

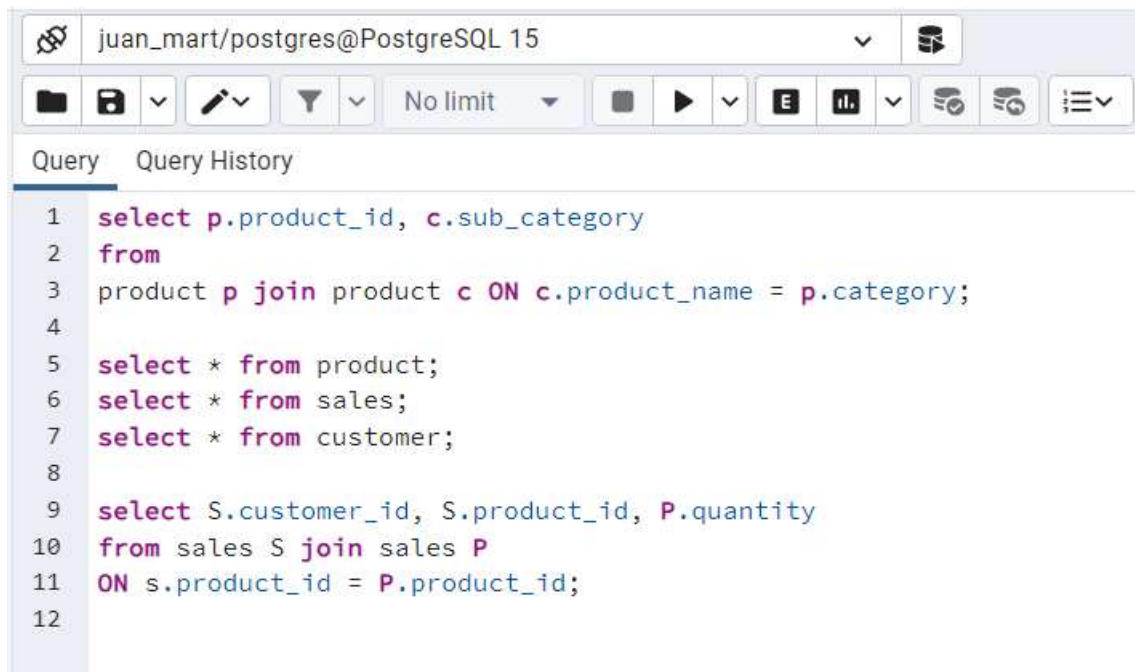


LABORATORIUM TEKNIK INFORMATIKA

UNIVERSITAS GUNADARMA

2024

LISTING PROGRAM



The screenshot shows a PostgreSQL query editor interface. At the top, the connection is set to 'juan_mart/postgres@PostgreSQL 15'. Below the connection bar is a toolbar with various icons for file operations, editing, and execution. The main area is divided into two tabs: 'Query' and 'Query History'. The 'Query' tab is active, displaying a multi-line SQL query. The query is as follows:

```
1 select p.product_id, c.sub_category
2 from
3 product p join product c ON c.product_name = p.category;
4
5 select * from product;
6 select * from sales;
7 select * from customer;
8
9 select S.customer_id, S.product_id, P.quantity
10 from sales S join sales P
11 ON s.product_id = P.product_id;
12
```

OUTPUT PROGRAM

- **TABLE CUSTOMER**

Data Output Messages Notifications								
	customer_id [PK] character varying (255)	customer_name character varying (255)	segment character varying (255)	age integer	country character varying (255)	city character varying (255)	postal_code character varying (255)	region character varying (255)
1	TKD-5930248	Dodi	Customer	21	Indonesia	Bekasi	13175	A
2	TKD-5930248	Markel	Customer	22	Indonesia	Depok	13532	J
3	TKD-5932148	Witnu	Customer	34	Indonesia	Cikarang	13464	S
4	TKD-4530248	Juan	Customer	20	Indonesia	Bogor	13733	C
5	TKD-5935448	Anip	Customer	28	Indonesia	Bandung	13452	Z
6	TKD-5937548	Akip	Customer	23	Indonesia	Jakarta	17591	G
7	TKD-5935428	Chevrolet	Customer	28	Indonesia	Tangerang	12280	T

- **TABLE PRODUCT**

Data Output Messages Notifications				
	product_id [PK] character varying (255)	category character varying (255)	sub_category character varying (255)	product_name character varying (255)
1	M2012K11AG	Electronic	Smartphone	Xiaomi Poco F3
2	M221T10AG	Electronic	Smartphone	Xiaomi Redmi Note 10 Pro
3	M2241BA5RW	Electronic	Smartphone	Xiaomi Lite 12
4	AN515	Electronic	Laptop	Acer Nitro 5
5	SM5276K11AG	Electronic	Smartphone	Samsung A54 5G
6	MK012K11TD	Electronic	Smartphone	Xiaomi Poco M3

- **TABLE SALES**

Data Output Messages Notifications											
	order_line [PK] integer	order_id character varying (255)	order_date date	ship_date date	ship_mode character varying (255)	customer_id character varying (255)	product_id character varying (255)	sales double precision	quantity integer	discount double precision	profit double precision
1	1	INV-05122023-01	2023-05-12	2023-06-12	JNE	TKD-5930248	M2012K11AG	5699000	1	0.05	0.05
2	2	INV-06122023-02	2023-06-12	2023-07-12	SilLambat	TKD-5530248	M221T10AG	5499000	1	0.08	0.05
3	3	INV-07122023-03	2023-07-12	2023-08-12	J&T	TKD-5932148	M2241BA5RW	3699000	1	0.1	0
4	4	INV-08122023-04	2023-08-12	2023-09-12	REG	TKD-4530248	AN515	13599000	1	0.05	0.15
5	5	INV-09122023-05	2023-09-12	2023-10-12	ORE	TKD-5935448	SM5276K11AG	8699000	1	0.15	0.07
6	6	INV-10122023-06	2023-10-12	2023-11-12	JTR	TKD-5937548	MK012K11TD	2399000	1	0	0.2
7	7	INV-11122023-07	2023-10-24	2023-10-23	JNE	TKD-5935128	MK132S43AD	4599000	1	0.1	3

- **Self Join Table product**

Data Output	Messages	Notifications
<div> <div> <div>≡+</div> <div>📄</div> <div>▼</div> <div>📋</div> <div>▼</div> <div>🗑️</div> <div>🗄️</div> <div>⬇️</div> <div>📈</div> </div> </div>		
	product_id [PK] character varying (255) ✎	sub_category character varying (255) ✎


- **Self join Table Sales**

Data Output


Messages

Notifications


≡+





▼







▼









	<div>customer_id</div> <div>character varying (255)</div> <div></div>	<div>product_id</div> <div>character varying (255)</div> <div></div>	<div>quantity</div> <div>integer</div> <div></div>
1	TKD-5930248	M2012K11AG	1
2	TKD-5530248	M221T10AG	1
3	TKD-5932148	M2241BA5RW	1
4	TKD-4530248	AN515	1
5	TKD-5935448	SM5276K11AG	1
6	TKD-5937548	MK012K11TD	1
7	TKD-5935128	MK132S43AD	1