

ACTIVITY PERTEMUAN 6

NAMA : Muhammad Tarmidzi Bariq

NPM : 51422161

KELAS : 3IA11

MATERI : OUTER JOIN

MATA PRAKTIKUM : SISTEM BASIS DATA 1

(Screenshoot langkah-langkah sesuai video pembelajaran dan jelaskan dengan ringkas)

[illegible]

Object Explorer

Servers (1)

- PostgreSQL 17
 - Databases (5)
 - M4_51422161
 - M5_51422161
 - Cast
 - Catalogs
 - Event Triggers
 - Extensions
 - Foreign Data Wrappers
 - Languages
 - Publications
 - Schemas
 - Subscriptions
 - bariq_51422161
 - postgres
 - test
 - Login/Group Roles
 - Tablespaces

Dashboard | Properties | SQL | Statistics | Dependencies | Dependents | Processes | M5_51422161/postgres@PostgreSQL 17*

Query | Query History

```
1 ---TAMPILKAN TABLE
2 SELECT * FROM PEMBELI;
3 SELECT * FROM PENJUALAN;
4 SELECT * FROM BARANG;
5
6 -- SS 1
7 SELECT * FROM PEMBELI
8 FULL OUTER JOIN PENJUALAN ON PENJUALAN.ID_PEMBELI = PEMBELI.ID_PEMBELI
9 ORDER BY PEMBELI.ID_PEMBELI
10
11 -- SS2
12 SELECT PEMBELI.NAMA, PENJUALAN.HARI_JUAL
13 FROM PEMBELI
14 FULL OUTER JOIN PENJUALAN ON PENJUALAN.ID_PEMBELI = PEMBELI.ID_PEMBELI
15 ORDER BY PEMBELI.ID_PEMBELI
```

Data Output | Messages | Notifications

	nama character varying (255)	hari_jual character varying (20)
1	GERALD	RABU
2	FARIZI SETYA	KAMIS
3	FREYA AZAHRA	JUMAT
4	ANNISA SALSABILA	KAMIS
5	ANNISA SALSABILA	RABU
6	ANNE SAMANDA	[null]

min 4

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9 ORDER BY PEMBELI.ID_PEMBELI
10
11 -- SS2
12 SELECT PEMBELI.NAMA, PENJUALAN.HARI_JUAL
13 FROM PEMBELI
14 FULL OUTER JOIN PENJUALAN ON PENJUALAN.ID_PEMBELI = PEMBELI.ID_PEMBELI
15 ORDER BY PEMBELI.ID_PEMBELI
16
17 -- SS3
18 SELECT * FROM BARANG
19 LEFT OUTER JOIN PENJUALAN ON PENJUALAN.ID_BARANG = BARANG.ID_BARANG
20 ORDER BY BARANG.ID_BARANG;
```

Data Output | Messages | Notifications

	id_barang integer	nama_barang character varying (255)	stok integer	harga integer	id_penjualan integer	cabang character varying (100)	hari_jual character varying (20)	penjual character varying (100)	jumlah_beli integer	id_barang integer	id_pembeli integer
1	1	BALU	3	15000	4	JAKARTA	KAMIS	AHMAD	2	1	2
2	2	CELANA	5	10000	2	JAKARTA	RABU	JENNIFER	1	2	1
3	3	JAKET	6	25000	1	DEPOK	KAMIS	CECE	2	3	4
4	3	JAKET	6	25000	3	CIBURUR	JUMAT	CECE	4	3	3
5	4	KEMEJA	2	30000	[null]	[null]	[null]	[null]	[null]	[null]	[null]
6	5	SEPATU	3	20000	5	DEPOK	RABU	CECE	1	5	4

FileObjectToolsEditViewWindowHelp

Object Explorer

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DashboardPropertiesSQLStatisticsDependenciesDependentsProcessesM5_51422161/postgres@PostgreSQL 17*

M5_51422161/postgres@PostgreSQL 17

QueryQuery HistoryScratch Pad

```
5
6  -- SS 1
7  SELECT * FROM PEMBELI
8  FULL OUTER JOIN PENJUALAN ON PENJUALAN.ID_PEMBELI = PEMBELI.ID_PEMBELI
9  ORDER BY PEMBELI.ID_PEMBELI
10
11  -- SS2
12  SELECT PEMBELI.NAMA, PENJUALAN.HARI_JUAL
13  FROM PEMBELI
14  FULL OUTER JOIN PENJUALAN ON PENJUALAN.ID_PEMBELI = PEMBELI.ID_PEMBELI
15  ORDER BY PEMBELI.ID_PEMBELI
16
17  -- SS3
18  SELECT * FROM BARANG
19  LEFT OUTER JOIN PENJUALAN ON PENJUALAN.ID_BARANG = BARANG.ID_BARANG
20  ORDER BY BARANG.ID_BARANG;
21
22  -- SS4
23  SELECT * FROM BARANG
24  RIGHT OUTER JOIN PENJUALAN ON PENJUALAN.ID_BARANG = BARANG.ID_BARANG
25  ORDER BY BARANG.ID_BARANG;
```

Data OutputMessagesNotifications

	id_barang integer	nama_barang character varying (255)	stok integer	harga integer	id_penjualan integer	cabang character varying (100)	hari_jual character varying (20)	penjual character varying (100)	jumlah_beli integer	id_barang integer	id_pembeli integer
1	1	BAJU	3	15000	4	JAKARTA	KAMIS	AHMAD	2	1	2
2	2	CELANA	5	10000	2	JAKARTA	RABU	JENNIFER	1	2	1
3	3	JAKET	6	25000	1	DEPOK	KAMIS	CECE	2	3	4
4	3	JAKET	6	25000	3	CIBUBUR	JUMAT	CECE	4	3	3
5	5	SEPATU	3	20000	5	DEPOK	RABU	CECE	1	5	4