

LAPORAN AKHIR PRAKTIKUM

Mata praktikum : SISTEM BASIS DATA 2
Kelas : 3IA11
Praktikum ke- : 5
Tanggal : 10/05/2025
Materi : Join Table
Npm : 51422161
Nama : MUHAMMAD TARMIDZI BARIQ
Ketua asisten : Muhammad Yasin
Jumlah lembar : 3



LABORATORIUM TEKNIK INFORMATIKA

UNIVERSITAS GUNADARMA

2025

1. select * from users;

Data Output Messages Notifications							
	id [PK] integer	name character (100)	email character (100)	phone integer	address text	role character varying (10)	created_at date
1	1	Alice Smith	alice@example.com	...	812345678	123 Main St, Medan	user
2	2	Tarmidzi Bariq	bariq@example.com	...	81224331	Depok	user

2. left join : Menampilkan semua user, beserta mobil yang dimiliki (jika ada).

```
120
121 ✓ SELECT u.id AS user_id, u.name, c.id AS car_id, c.brand, c.model
122 FROM Users u
123 LEFT JOIN Cars c ON u.id = c.user_id;
124
```

Data Output Messages Notifications				
	user_id integer	name character (100)	car_id integer	brand character (100)
1	1	Alice Smith	1	Toyota
2	2	Tarmidzi Bariq	...	[null]

3. Right Join : Menampilkan semua mobil, beserta nama user pemiliknya (jika ada).

```
124
125 ✓ SELECT u.id AS user_id, u.name, c.id AS car_id, c.brand, c.model
126 FROM Users u
127 RIGHT JOIN Cars c ON u.id = c.user_id;
128
```

Data Output Messages Notifications				
	user_id integer	name character (100)	car_id integer	brand character (100)
1	1	Alice Smith	...	1 Toyota

4. Full Join : Menampilkan gabungan semua data user dan mobil, termasuk yang tidak punya relasi.

```
128
129 ✓ SELECT u.id AS user_id, u.name, c.id AS car_id, c.brand, c.model
130 FROM Users u
131 FULL JOIN Cars c ON u.id = c.user_id;
132
```

Data Output Messages Notifications				
	user_id integer	name character (100)	car_id integer	brand character (100)
1	1	Alice Smith	1	Toyota
2	2	Tarmidzi Bariq	...	[null]

5. Left Join Reviews: Menampilkan semua mobil dan review (jika ada)

```
132
133 ✓ SELECT c.id AS car_id, c.brand, r.rating, r.comment
134 FROM Cars c
135 LEFT JOIN Reviews r ON c.id = r.car_id;
136
```

Data Output Messages Notifications

	car_id integer	brand character (100)	rating integer	comment text
1	1	Toyota	5	Excellent car, just as described!

6. update users id 2

```
136
137 update users set phone=628122052 where id = 2;
138 select * from users;
```

Data Output Messages Notifications

	id [PK] integer	name character (100)	email character (100)	phone integer	address text	role character varying (10)
1	1	Alice Smith	alice@example.com	812345678	123 Main St, Medan	user
2	2	Tarmidzi Bariq	bariq@example.com	628122052	Depok	user

7. delete users id 2

```
139
140 delete from users where id = 2;
141 select * from users;
```

Data Output Messages Notifications

	id [PK] integer	name character (100)	email character (100)	phone integer	address text	role character varying (10)
1	1	Alice Smith	alice@example.com	812345678	123 Main St, Medan	user