

Nama : Eko Muchamad Haryono (106)

Kelas : Fullstack - Group 6

Task : Tugas Mysql => Tugas ke-2 JDA Fase 2

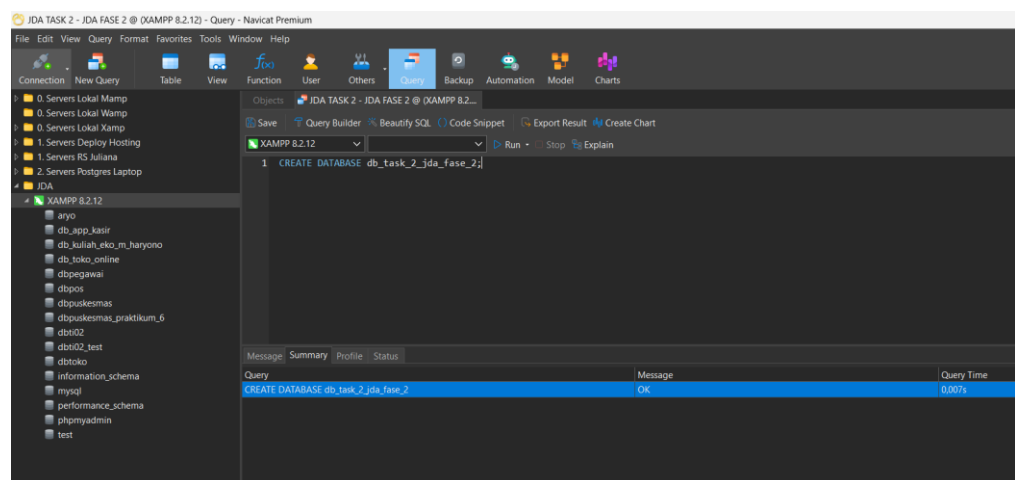
Tema : Buatlah query berikut berdasarkan spreadsheet

Tautan Acuan :

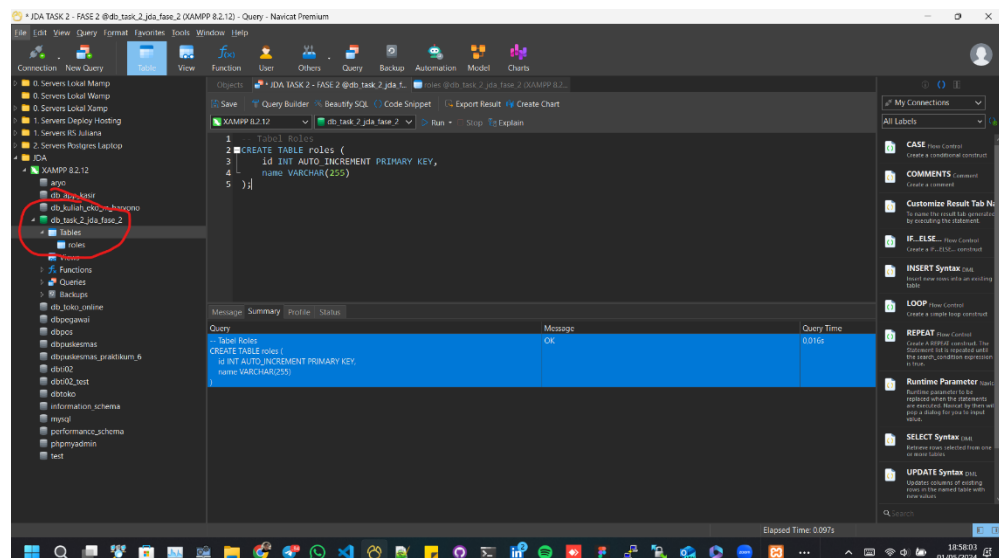
<https://docs.google.com/spreadsheets/d/1vujQl8uBbeeCC1FFIn1eMYeAHCSqfBoxuDhScSr3kVk/edit>

1. Buatlah tabel nya menggunakan query sql

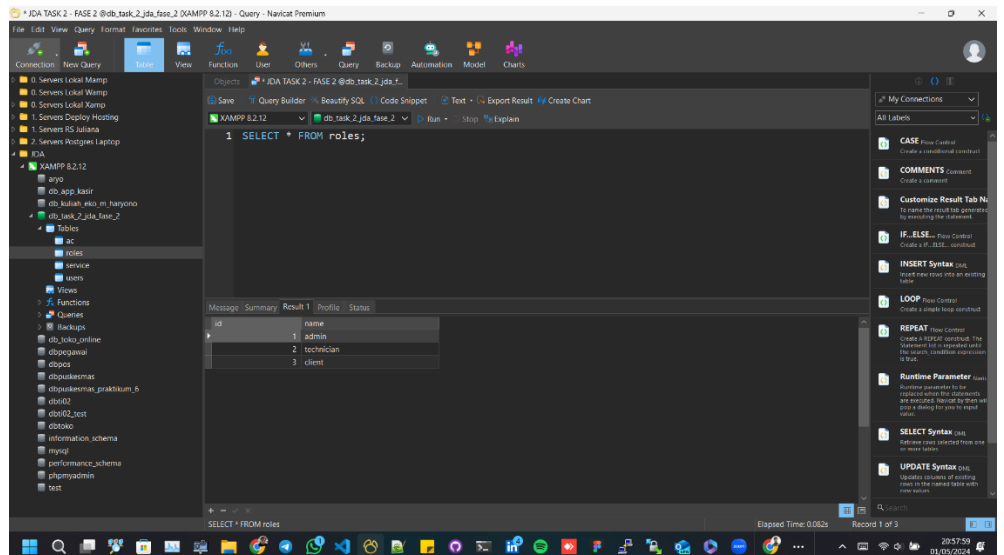
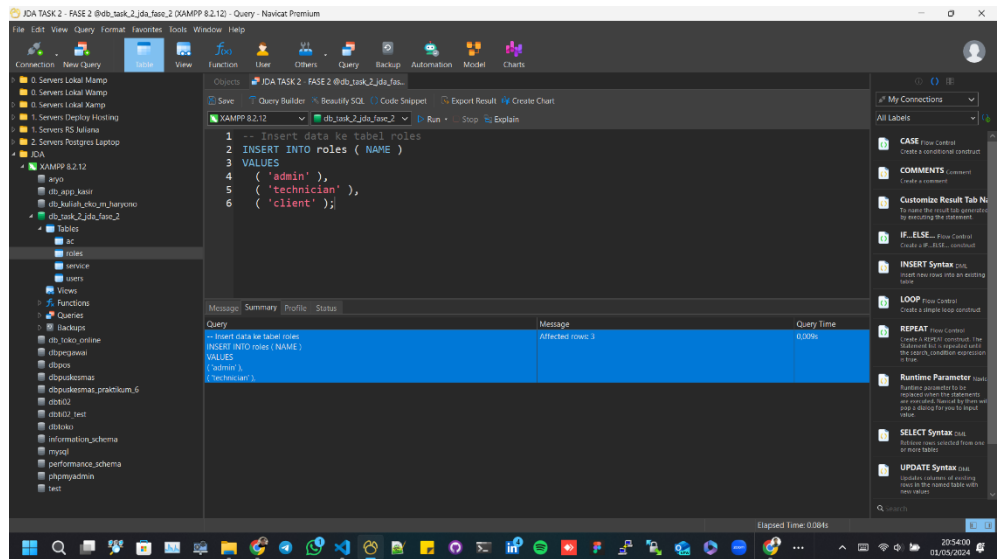
a. Membuat Database



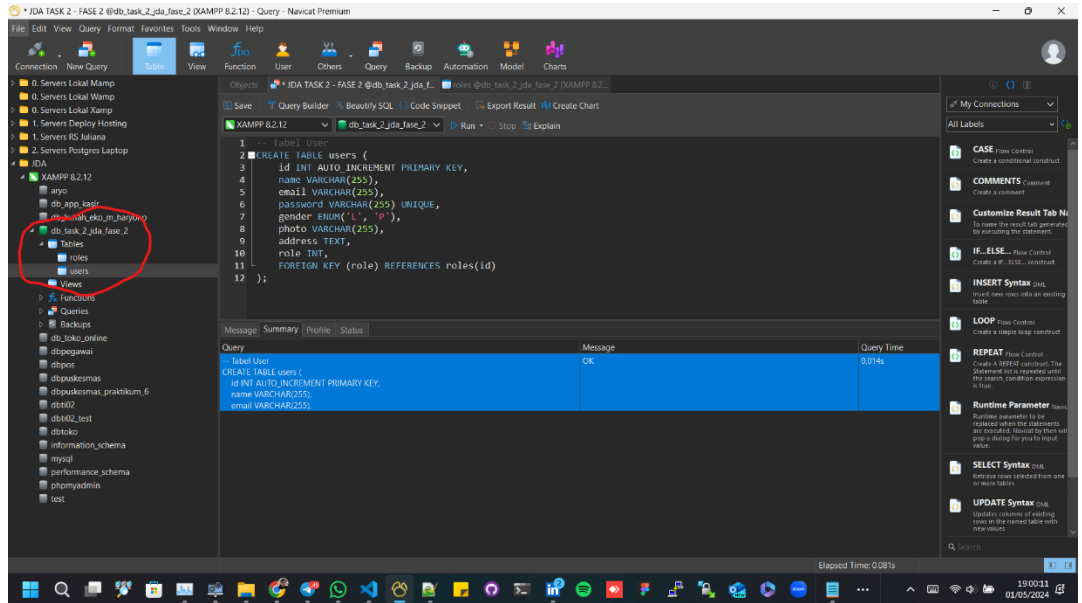
b. Membuat Table Roles



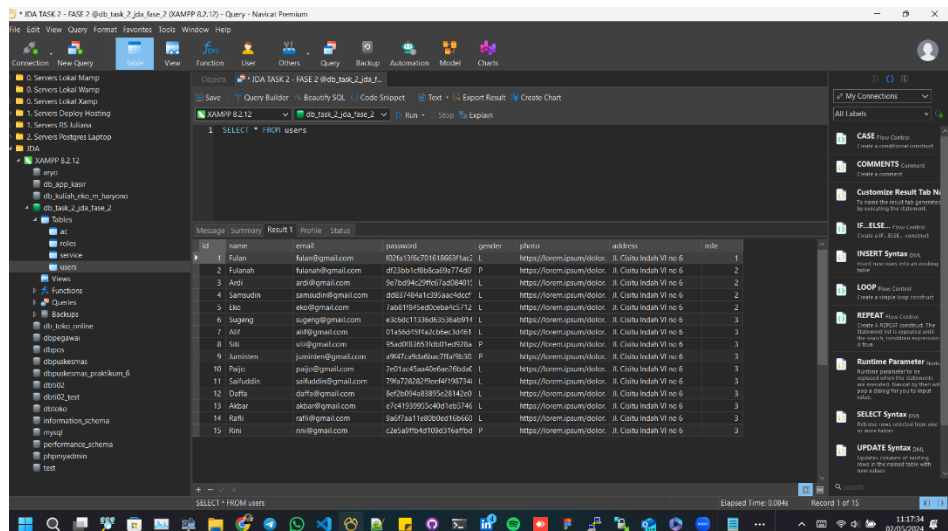
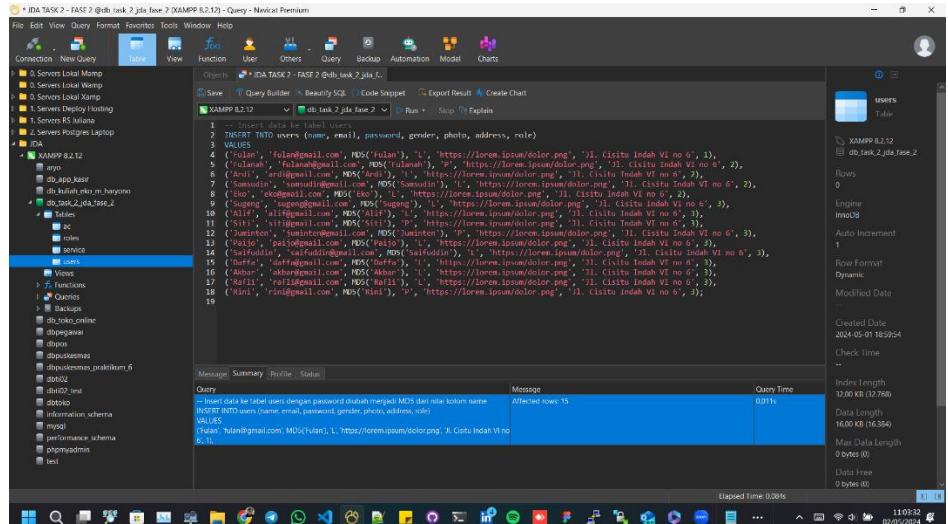
i. Menambahkan Insert Data Roles



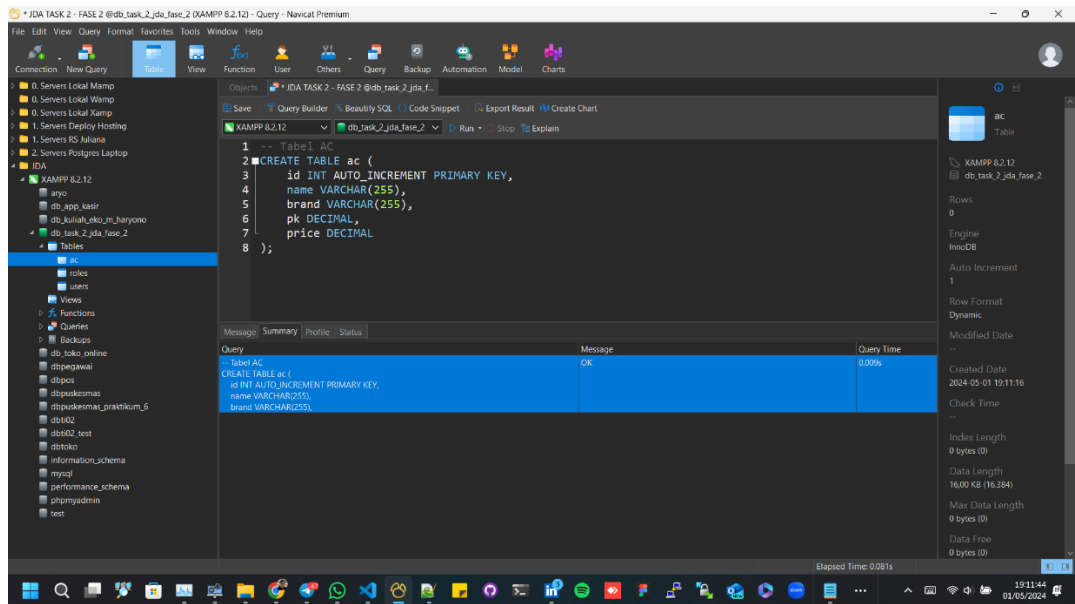
c. Membuat Table Users



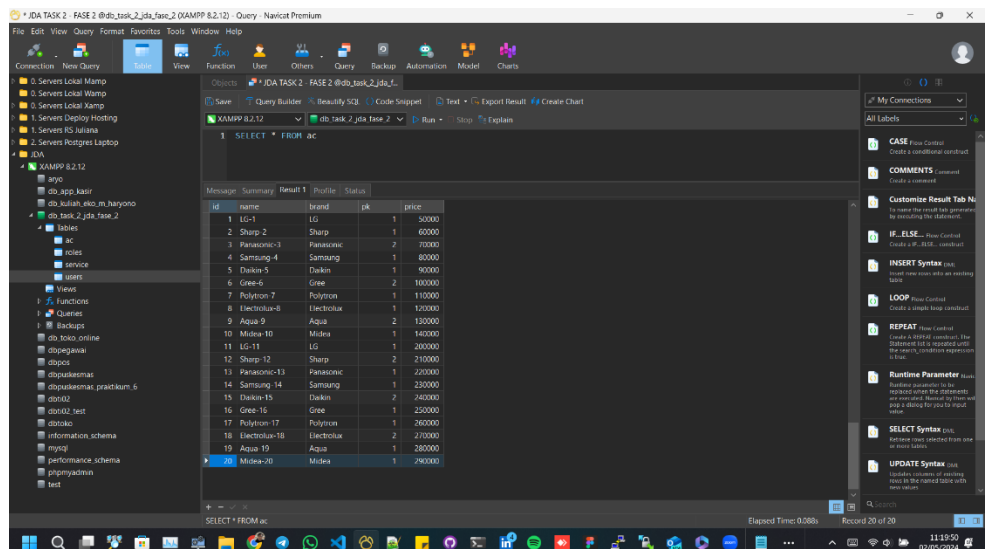
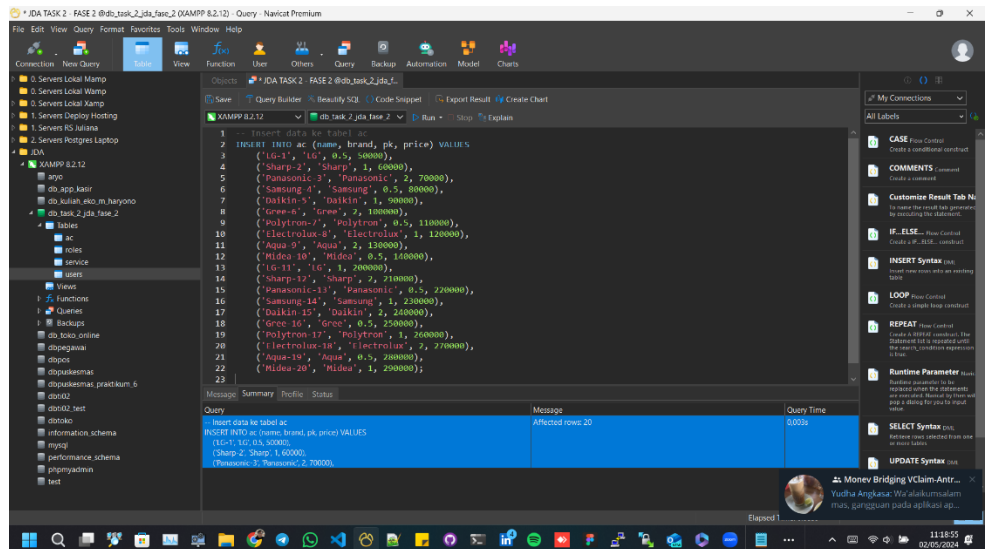
i. Membuat Insert Data Users



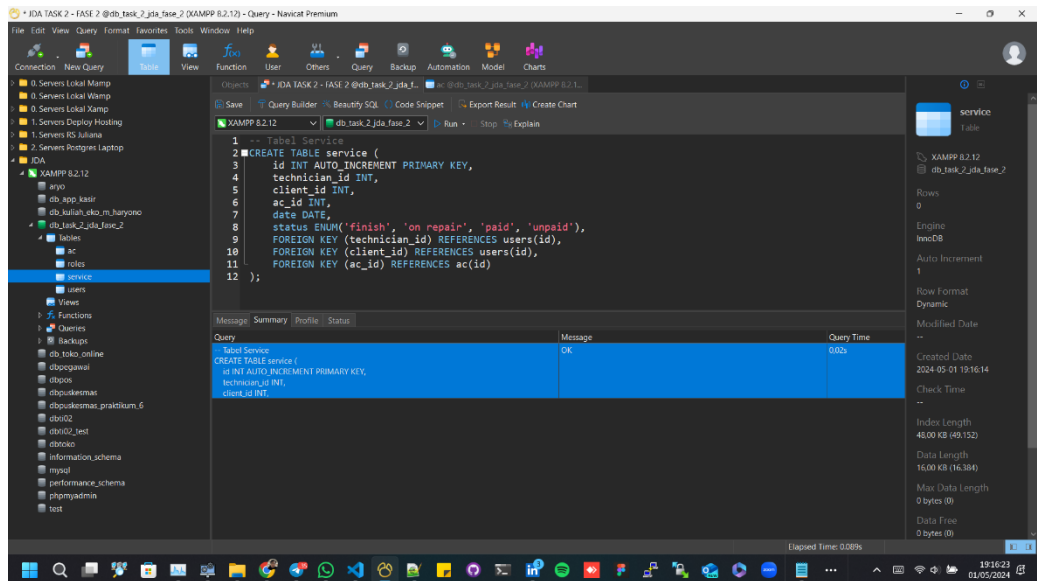
d. Membuat Table AC



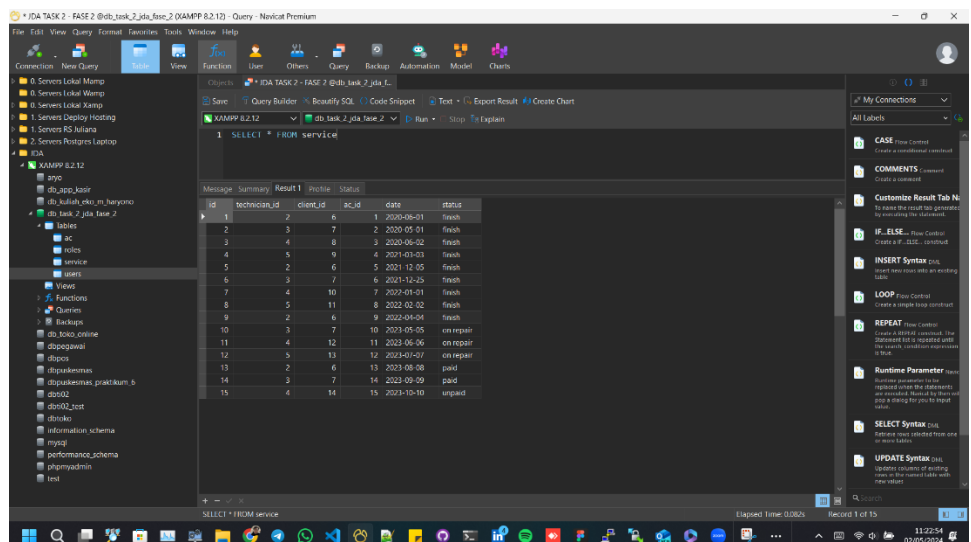
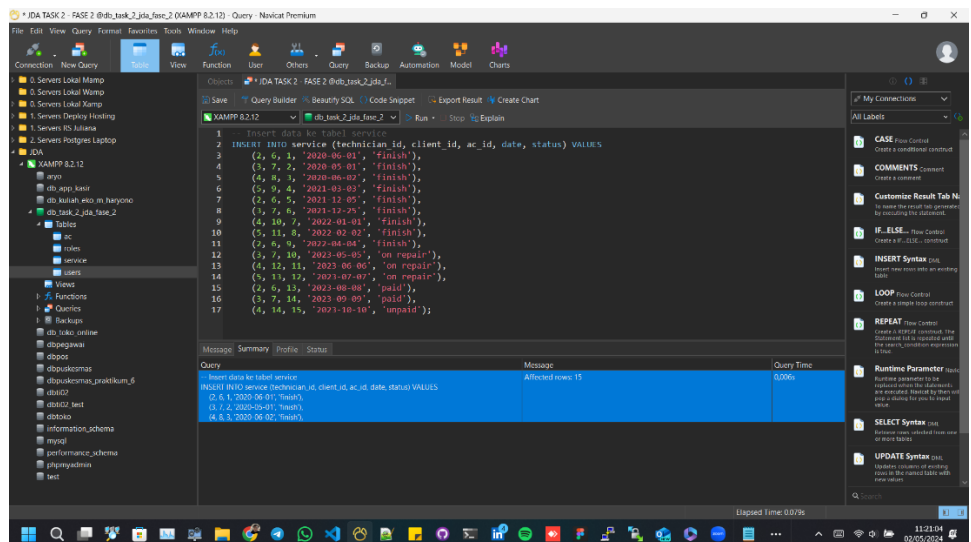
i. Membuat Insert Data AC



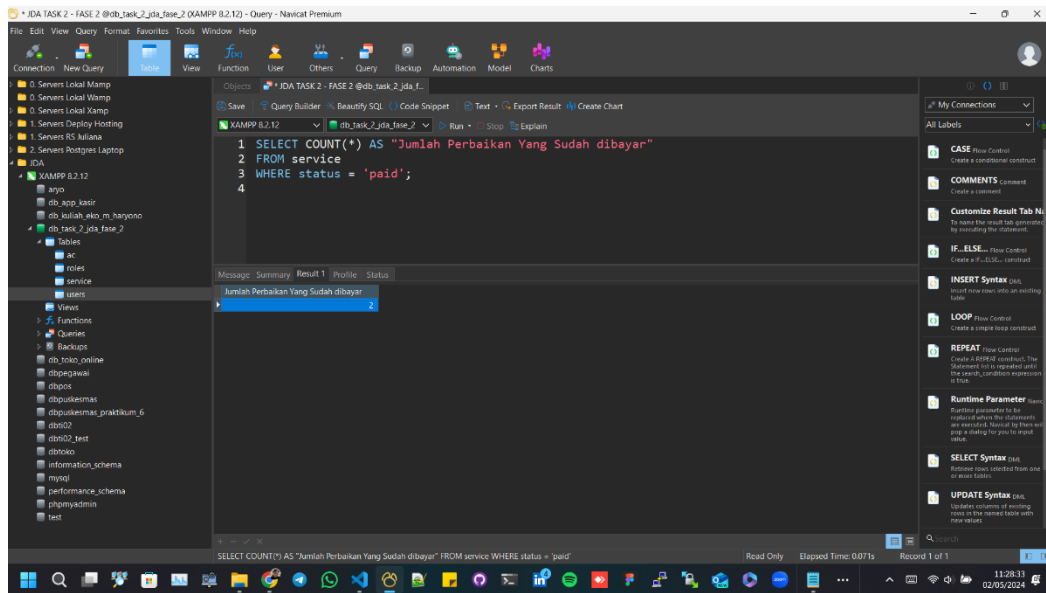
e. Membuat Table Service



i. Membuat Insert Data Service



2. Tampilkan jumlah perbaikan yang sudah dibayar



The screenshot shows the Navicat Premium interface. The SQL editor contains the following query:

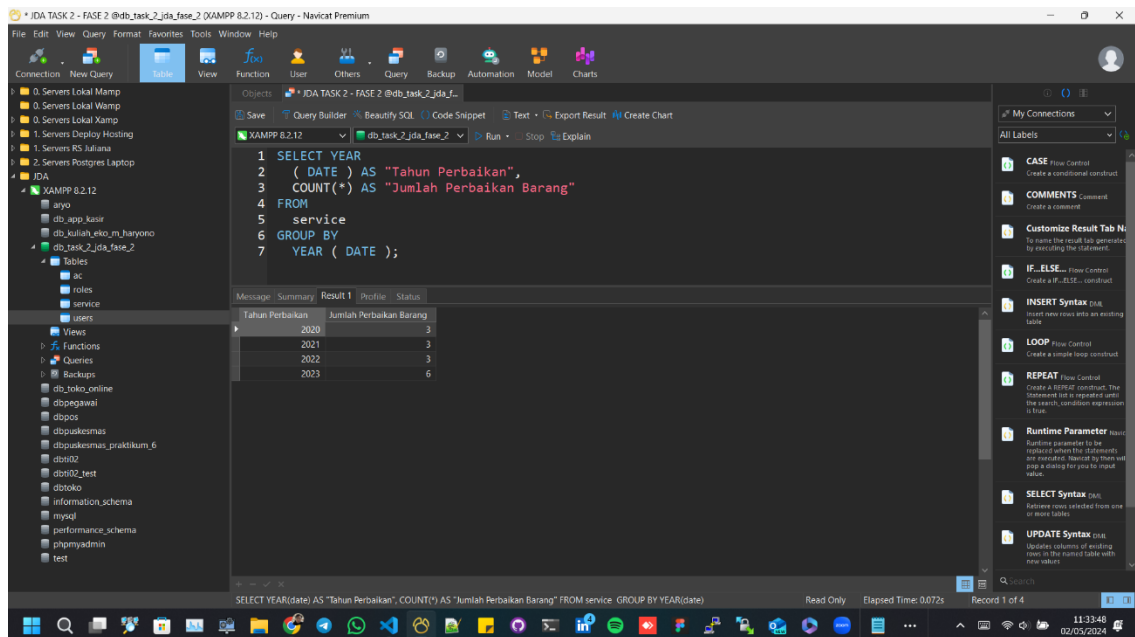
```
1 SELECT COUNT(*) AS "Jumlah Perbaikan Yang Sudah dibayar"
2 FROM service
3 WHERE status = 'paid';
4
```

The result set is displayed below the query:

Jumlah Perbaikan Yang Sudah dibayar
3

The status bar at the bottom indicates the query was executed on the 'db_task_2_jda_fase_2' database, returning 1 record in 0.071 seconds.

3. Tampilkan tahun beserta jumlah perbaikan yang dilakukan pada tahun tersebut



The screenshot shows the Navicat Premium interface. The SQL editor contains the following query:

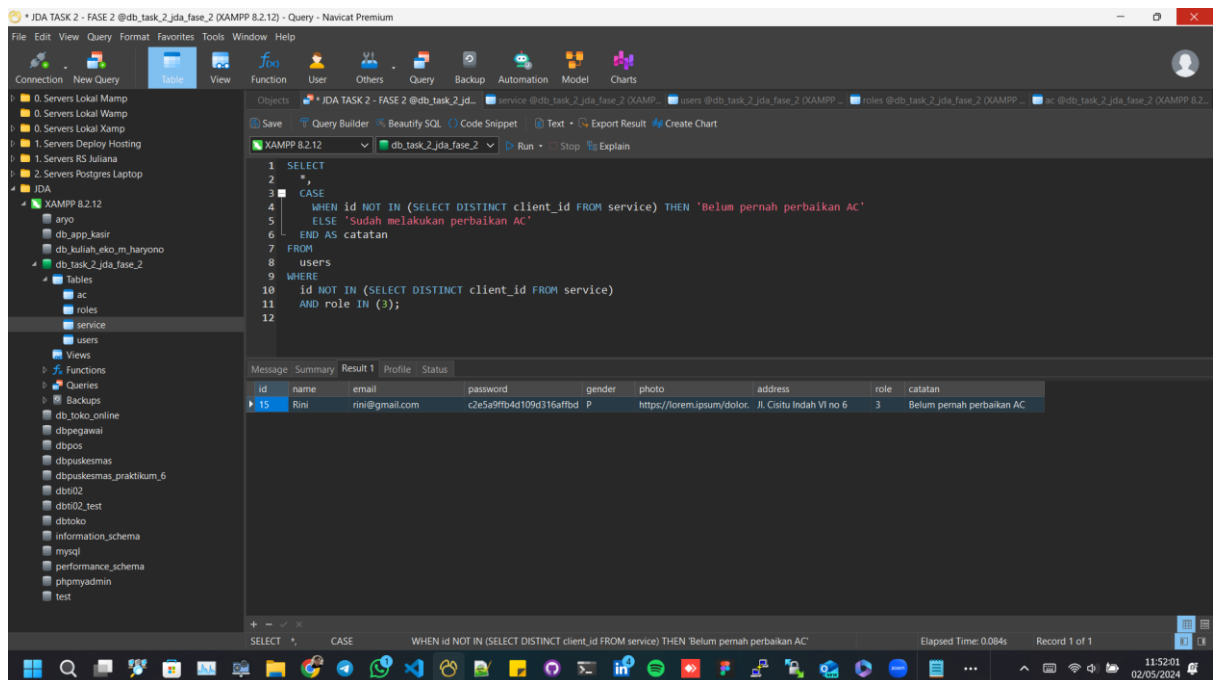
```
1 SELECT YEAR
2 ( DATE ) AS "Tahun Perbaikan",
3 COUNT(*) AS "Jumlah Perbaikan Barang"
4 FROM
5 service
6 GROUP BY
7 YEAR ( DATE );
```

The result set is displayed below the query:

Tahun Perbaikan	Jumlah Perbaikan Barang
2020	3
2021	3
2022	3
2023	6

The status bar at the bottom indicates the query was executed on the 'db_task_2_jda_fase_2' database, returning 4 records in 0.072 seconds.

4. Tampilkan data client yang tidak pernah melakukan perbaikan ac

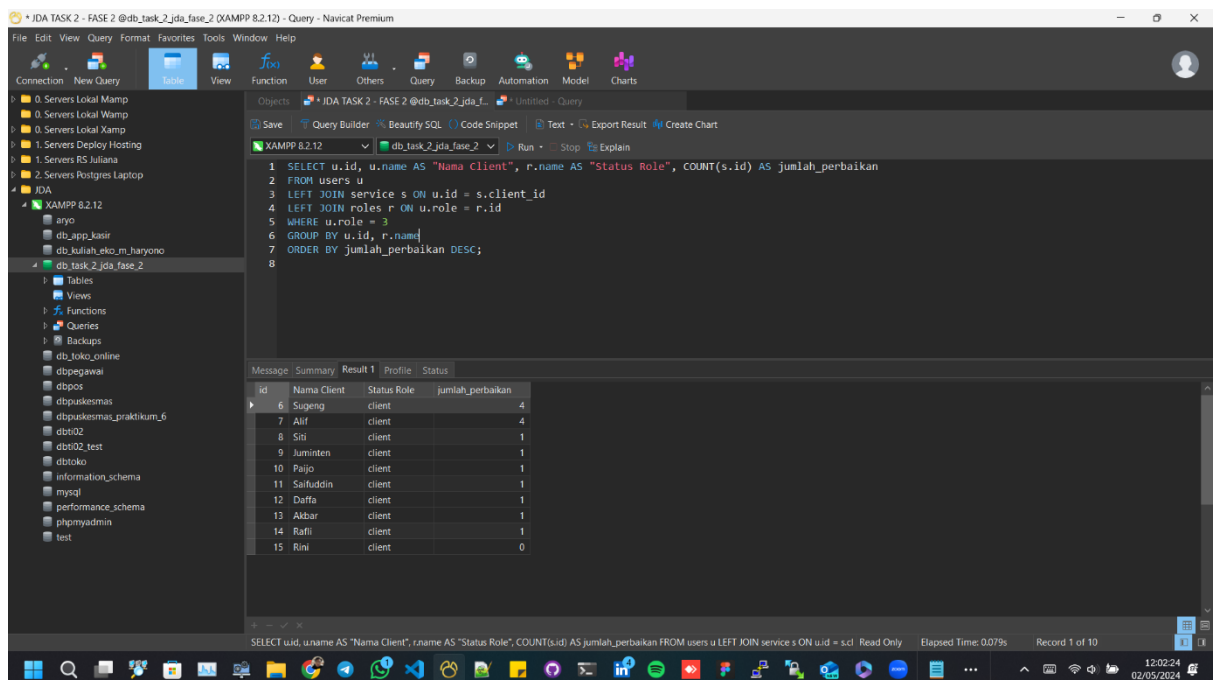


The screenshot shows the Navicat Premium interface with a SQL query executed against the 'db_task_2_jda_fase_2' database. The query filters for users who have not performed an AC repair. The result table shows one record for user 'Rini'.

```
1 SELECT
2 *
3 CASE
4 WHEN id NOT IN (SELECT DISTINCT client_id FROM service) THEN 'Belum pernah perbaikan AC'
5 ELSE 'Sudah melakukan perbaikan AC'
6 END AS catatan
7 FROM
8 users
9 WHERE
10 id NOT IN (SELECT DISTINCT client_id FROM service)
11 AND role IN (3);
12
```

id	name	email	password	gender	photo	address	role	catatan
15	Rini	rini@gmail.com	c2e5a9fb4d109d316affbd	P	https://korem.ipsun.dolor.	Jl. Cistu Indah VI no 6	3	Belum pernah perbaikan AC

5. tampilkan data client beserta jumlah perbaikan yang dilakukan, urutkan berdasarkan perbaikan terbanyak



The screenshot shows the Navicat Premium interface with a SQL query executed against the 'db_task_2_jda_fase_2' database. The query joins the 'users' and 'service' tables to count the number of repairs for each client. The results are ordered by the number of repairs in descending order.

```
1 SELECT u.id, u.name AS "Nama Client", r.name AS "Status Role", COUNT(s.id) AS jumlah_perbaikan
2 FROM users u
3 LEFT JOIN service s ON u.id = s.client_id
4 LEFT JOIN roles r ON u.role = r.id
5 WHERE u.role = 3
6 GROUP BY u.id, r.name
7 ORDER BY jumlah_perbaikan DESC;
8
```

id	Nama Client	Status Role	jumlah_perbaikan
6	Sugeng	client	4
7	Alif	client	4
8	Siti	client	1
9	Juminten	client	1
10	Paijo	client	1
11	Saifuddin	client	1
12	Daffa	client	1
13	Akbar	client	1
14	Raffi	client	1
15	Rini	client	0

6. Tampilkan data technician beserta jumlah uang yang diperoleh, urutkan berdasarkan perolehan terbanyak

a. Jika belum di bayar oleh client

The screenshot shows the Navicat Premium interface with a SQL query executed on the 'db_task_2_jda_fase_2' database. The query filters for technicians where the status is not 'paid'. The results table shows the following data:

id	Nama Technician	email	gender	total_pendapatan
4	Samsudin	samsudin@gmail.com	L	620000
3	Ardi	ardi@gmail.com	L	530000
2	Fulanah	fulanah@gmail.com	P	490000
5	Eko	eko@gmail.com	L	410000

b. Jika yang udah dibayar oleh client

The screenshot shows the Navicat Premium interface with a SQL query executed on the 'db_task_2_jda_fase_2' database. The query filters for technicians where the status is 'paid'. The results table shows the following data:

id	Nama Technician	email	gender	total_pendapatan
3	Ardi	ardi@gmail.com	L	230000
2	Fulanah	fulanah@gmail.com	P	220000

kumpulkan **query** dan **screenshot hasil query** dalam bentuk **PDF** , soal dan jawaban harus **urut** dari nomor 1 hingga 6 !