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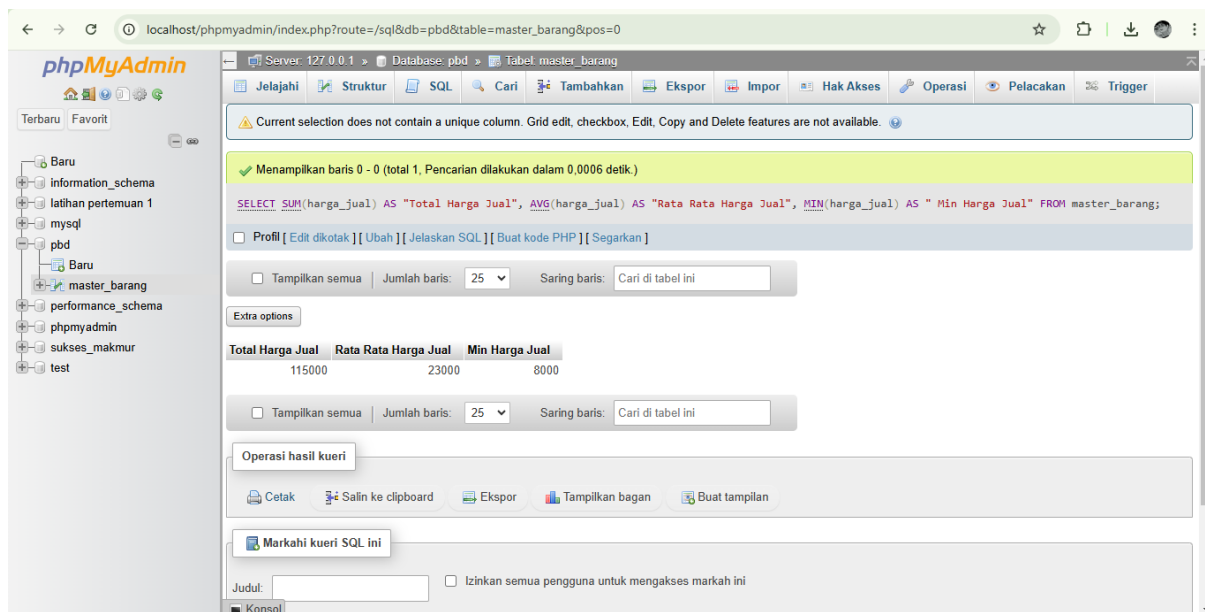
NPM : 2306223401

Kelas : Praktikum Basis Data-D

Latihan Pertemuan 2

1. Buatlah SQL untuk menampilkan agregat penjumlahan, rata-rata dan min harga jual dari tabel master barang!

Jawab:



The screenshot shows the phpMyAdmin interface for a database named 'pbd'. The selected table is 'master_barang'. A SQL query is entered in the query box:

```
SELECT SUM(harga_jual) AS "Total Harga Jual", AVG(harga_jual) AS "Rata Rata Harga Jual", MIN(harga_jual) AS "Min Harga Jual" FROM master_barang;
```

The results are displayed in a table with the following data:

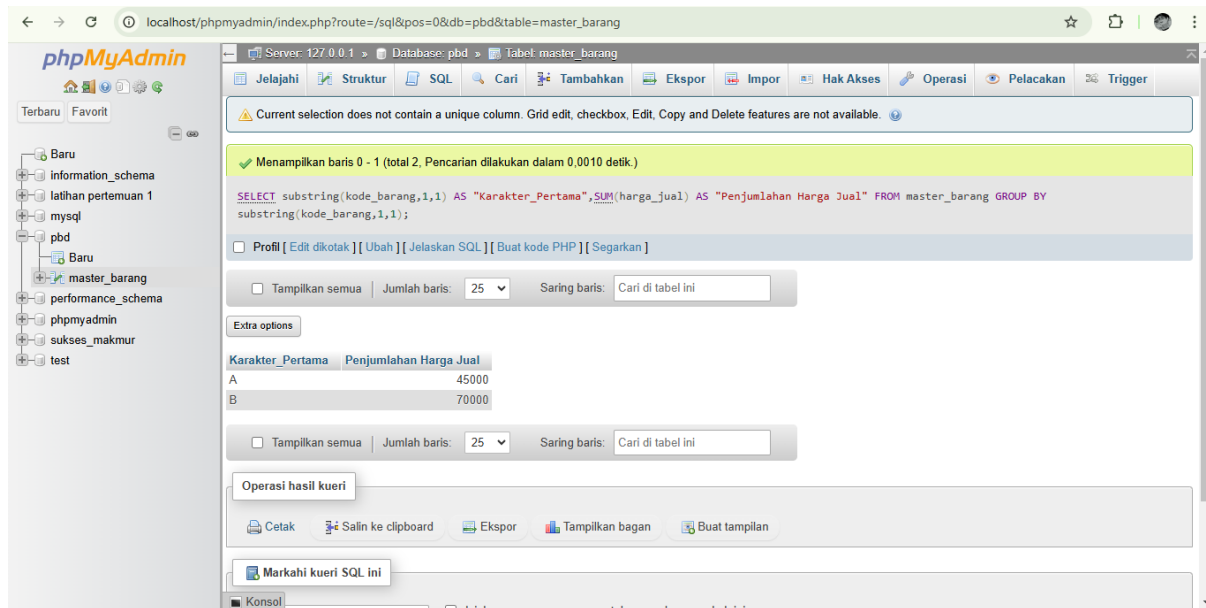
Total Harga Jual	Rata Rata Harga Jual	Min Harga Jual
115000	23000	8000

The interface also shows a sidebar with a tree view of the database structure, including 'information_schema', 'latihan pertemuan 1', 'mysql', 'pbd', 'master_barang', 'performance_schema', 'phpmyadmin', 'sukses_makmur', and 'test'.

Rumus SQL: `SELECT SUM(harga_jual) AS "Total Harga Jual", AVG(harga_jual) AS "Rata Rata Harga Jual", MIN(harga_jual) AS "Min Harga Jual" FROM master_barang;`

2. Buatlah SQL untuk menampilkan karakter pertama kode barang dan agregat penjumlahan harga jual berdasarkan karakter pertama dari kode barang!

Jawab



The screenshot shows the phpMyAdmin interface with the following details:

- Database:** pbd
- Table:** master_barang
- SQL Query:**

```
SELECT substring(kode_barang,1,1) AS "Karakter_Pertama",SUM(harga_jual) AS "Penjumlahan Harga Jual" FROM master_barang GROUP BY substring(kode_barang,1,1);
```
- Results:**

Karakter_Pertama	Penjumlahan Harga Jual
A	45000
B	70000

Rumus SQL: `SELECT substring(kode_barang,1,1) AS "Karakter_Pertama",SUM(harga_jual) AS "Penjumlahan Harga Jual" FROM master_barang GROUP BY substring(kode_barang,1,1);`