

Basis Data

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Praktikum 1

The screenshot displays the phpMyAdmin web interface in a browser window. The address bar shows the URL: `localhost/phpmyadmin/index.php?route=/database/structure&db=penjualan_produk`. The interface is for the 'penjualan_produk' database on a server at 127.0.0.1.

On the left sidebar, the database structure is shown with the following hierarchy:

- New
- information_schema
- mysql
- penjualan_produk
 - New
 - barang
 - detail_penjualan
 - penjualan
- performance_schema
- phpmyadmin
- test

The main panel shows the 'Structure' tab for the 'penjualan_produk' database. It includes a 'Filters' section with a search box. Below this is a table listing the database's tables:

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> barang	★ Browse Structure Search Insert Empty Drop	5	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> detail_penjualan	★ Browse Structure Search Insert Empty Drop	1	InnoDB	latin1_swedish_ci	48.0 KiB	-
<input type="checkbox"/> penjualan	★ Browse Structure Search Insert Empty Drop	4	InnoDB	latin1_swedish_ci	16.0 KiB	-
3 tables	Sum	10	InnoDB	utf8mb4_general_ci	80.0 KiB	0 B

Below the table, there is a 'Check all' checkbox and a 'With selected:' dropdown menu. At the bottom of the main panel, there is a 'Create new table' section with input fields for 'Table name' and 'Number of columns' (set to 4), and a 'Create' button.

The Windows taskbar at the bottom shows the system clock as 15:14 on 13/02/2023, and the temperature as 84°F in Berawan.

Praktikum 2

The screenshot shows the phpMyAdmin database designer interface for a database named 'penjualan_produk'. The left sidebar shows the database structure with the following tables: information_schema, mysql, penjualan_produk, barang, detail_penjualan, penjualan, performance_schema, phpmyadmin, and test. The main area displays the structure of three tables:

- penjualan_produk penjualan**
 - kode_penjualan : int(11)
 - tgl : date
 - kasir : varchar(20)
 - total_penjualan : bigint(20)
- penjualan_produk barang**
 - kode_barang : int(11)
 - nama : varchar(20)
- penjualan_produk detail_penjualan**
 - kode_penjualan : int(11)
 - kode_barang : int(11)
 - harga : int(11)
 - jumlah : int(11)

Relationships are shown with lines connecting the 'kode_penjualan' field in 'detail_penjualan' to the 'kode_penjualan' field in 'penjualan', and the 'kode_barang' field in 'detail_penjualan' to the 'kode_barang' field in 'barang'.

Praktikum 3

The screenshot shows the phpMyAdmin interface displaying the data in the 'penjualan' table. The table structure is shown at the top, and the data is displayed in a table below. The data is as follows:

	kode_penjualan	tgl	kasir	total_penjualan
<input type="checkbox"/>	1	2021-02-01	Doni	31000
<input type="checkbox"/>	2	2021-02-02	Doni	6000
<input type="checkbox"/>	3	2021-02-08	Dini	10000
<input type="checkbox"/>	4	2021-02-10	Dini	20000

The interface also shows the SQL query used to retrieve the data: `SELECT * FROM `penjualan``. The 'Query results operations' section at the bottom provides options for editing, deleting, and exporting the data.

Praktikum 4

