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Prodi : D-III Manajemen Informatika

Mata Kuliah : Praktikum Basis Data

Praktikum 1 :

The screenshot shows the phpMyAdmin web interface in a browser. The left sidebar displays the database structure tree, with 'penjualan\_produk' selected. The main panel shows the 'Structure' tab for the 'Database: penjualan\_produk'. It lists three tables: 'barang', 'detail\_penjualan', and 'penjualan'. Below the table list, 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 bottom of the image shows a Windows taskbar with various application icons and a system tray displaying the date and time.

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> barang		4	InnoDB	latin1_swedish_ci	16.0 K1B	-
<input type="checkbox"/> detail_penjualan		3	InnoDB	latin1_swedish_ci	48.0 K1B	-
<input type="checkbox"/> penjualan		4	InnoDB	latin1_swedish_ci	16.0 K1B	-
3 tables	Sum	11	InnoDB	utf8mb4_general_ci	80.0 K1B	0 B

## Praktikum 2 :

mysql - Penelusuran Google x MySQL RDBMS - Relational Data x localhost / 127.0.0.1 / penjualan\_ x

localhost/phpmyadmin/index.php?route=/database/designer&db=penjualan\_produk

Research Technique...

phpMyAdmin

Server: 127.0.0.1 > Database: penjualan\_produk

Structure SQL Search Query Export Import Operations Privileges Routines Events Triggers M

Recent Favorites

- New
- information\_schema
- mysql
- penjualan\_produk
  - New
  - barang
  - detail\_penjualan
  - penjualan
- performance\_schema
- phpmyadmin
- test

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)

mysql - Penelusuran Google x MySQL RDBMS - Relational Data x localhost / 127.0.0.1 / penjualan\_ x

localhost/phpmyadmin/index.php?route=/sql&pos=0&db=penjualan\_produk&table=barang

Research Technique...

phpMyAdmin

Server: 127.0.0.1 > Database: penjualan\_produk > Table: barang

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Showing rows 0 - 3 (4 total, Query took 0.0003 seconds.)

SELECT \* FROM `barang`

Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

	kode_barang	nama
<input type="checkbox"/> Edit Copy Delete	1	buku tulis
<input type="checkbox"/> Edit Copy Delete	2	pensil
<input type="checkbox"/> Edit Copy Delete	3	buku gambar
<input type="checkbox"/> Edit Copy Delete	4	bolpoin

Check all With selected: Edit Copy Delete Export

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

Print Copy to clipboard Export Display chart Create view

## Praktikum 3 :

mysql - Penelusuran Google x MySQL RDBMS - Relational Data x localhost / 127.0.0.1 / penjualan\_ x

localhost/phpmyadmin/index.php?route=/sql&pos=0&db=penjualan\_produk&table=detail\_penjualan

Research Technique...

phpMyAdmin

Recent Favorites

- New
- information\_schema
- mysql
- penjualan\_produk
  - New
  - barang
  - detail\_penjualan
  - penjualan
- performance\_schema
- phpmyadmin
- test

Server: 127.0.0.1 > Database: penjualan\_produk > Table: detail\_penjualan

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Showing rows 0 - 2 (3 total. Query took 0.0003 seconds.)

SELECT \* FROM `detail\_penjualan`

Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

	kode_penjualan	kode_barang	harga	jumlah
<input type="checkbox"/> Edit Copy Delete	1	4	2000	3
<input type="checkbox"/> Edit Copy Delete	2	3	5000	5
<input type="checkbox"/> Edit Copy Delete	3	3	5000	5

Check all | With selected: Edit Copy Delete Export

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

Print Copy to clipboard Export Display chart Create view

Bookmark this SQL query

Console

mysql - Penelusuran Google x MySQL RDBMS - Relational Data x localhost / 127.0.0.1 / penjualan\_ x

localhost/phpmyadmin/index.php?route=/sql&pos=0&db=penjualan\_produk&table=penjualan

Research Technique...

phpMyAdmin

Recent Favorites

- New
- information\_schema
- mysql
- penjualan\_produk
  - New
  - barang
  - detail\_penjualan
  - penjualan
- performance\_schema
- phpmyadmin
- test

Server: 127.0.0.1 > Database: penjualan\_produk > Table: penjualan

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Showing rows 0 - 3 (4 total. Query took 0.0012 seconds.)

SELECT \* FROM `penjualan`

Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

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

Check all | With selected: Edit Copy Delete Export

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

Print Copy to clipboard Export Display chart Create view

Console

## Praktikum 4 :

The screenshot shows the phpMyAdmin interface for a database named 'penjualan\_produk'. The left sidebar displays the database structure, including 'information\_schema', 'mysql', 'penjualan\_produk', 'performance\_schema', 'phpmyadmin', and 'test'. The 'penjualan\_produk' database is selected, and the 'Structure' tab is active. The main area shows the structure of three tables:

- penjualan\_produk.barang**:
  - kode\_barang : int(11)
  - nama : varchar(20)
- penjualan\_produk.penjualan**:
  - kode\_penjualan : int(11)
  - tgl : date
  - kasir : varchar(20)
  - total\_penjualan : bigint(20)
- penjualan\_produk.detail\_penjualan**:
  - kode\_penjualan : int(11)
  - kode\_barang : int(11)
  - harga : int(11)
  - jumlah : int(11)

A blue arrow points from the 'kode\_barang' field in the 'barang' table to the 'kode\_barang' field in the 'detail\_penjualan' table, indicating a foreign key relationship.

The screenshot shows the phpMyAdmin interface for the 'penjualan\_produk' database, specifically the 'Table: penjualan' view. The 'Insert' tab is active, and the 'Insert as new row' option is selected. The 'Continue insertion with' value is set to 2. An error message is displayed, indicating a duplicate entry for the primary key 'kode\_penjualan'.

**Error**  
SQL query: [Copy](#) [Edit](#)

```
INSERT INTO 'penjualan' ('kode_penjualan', 'tgl', 'kasir', 'total_penjualan') VALUES ('3', '2021-02-08', 'Dini', '10.000')
```

**MySQL said:**  
#1062 - Duplicate entry '3' for key 'PRIMARY'

The error message is highlighted with a yellow border. The background of the interface is pink.

mysql - Penelitian Google x MySQL RD8MS - Relational Data: x localhost / 127.0.0.1 / penjualan\_ x

localhost/phpmyadmin/index.php?route=/table/change&db=penjualan\_produk&table=detail\_penjualan

Research Technique...

phpMyAdmin

Server: 127.0.0.1 > Database: penjualan\_produk > Table: detail\_penjualan

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Recent Favorites

New  
information\_schema  
mysql  
penjualan\_produk  
New  
barang  
detail\_penjualan  
penjualan  
performance\_schema  
phpmyadmin  
test

Go

Insert as new row

Continue insertion with 1

**Error**  
SQL query: [Copy](#) [Edit](#)

```
INSERT INTO `detail_penjualan` (`kode_penjualan`,
```

**MySQL said:** [Error](#)

```
#1062 - Duplicate entry '3-3' for key 'PRIMARY'
```

**Error**  
SQL query: [Copy](#) [Edit](#)

```
INSERT INTO `detail_penjualan` (`kode_penjualan`, `kode_barang`, `harga`, `jumlah`) VALUES ('3', '3', '5000', '5')
```

**MySQL said:** [Error](#)

```
#1062 - Duplicate entry '3-3' for key 'PRIMARY'
```

Console