

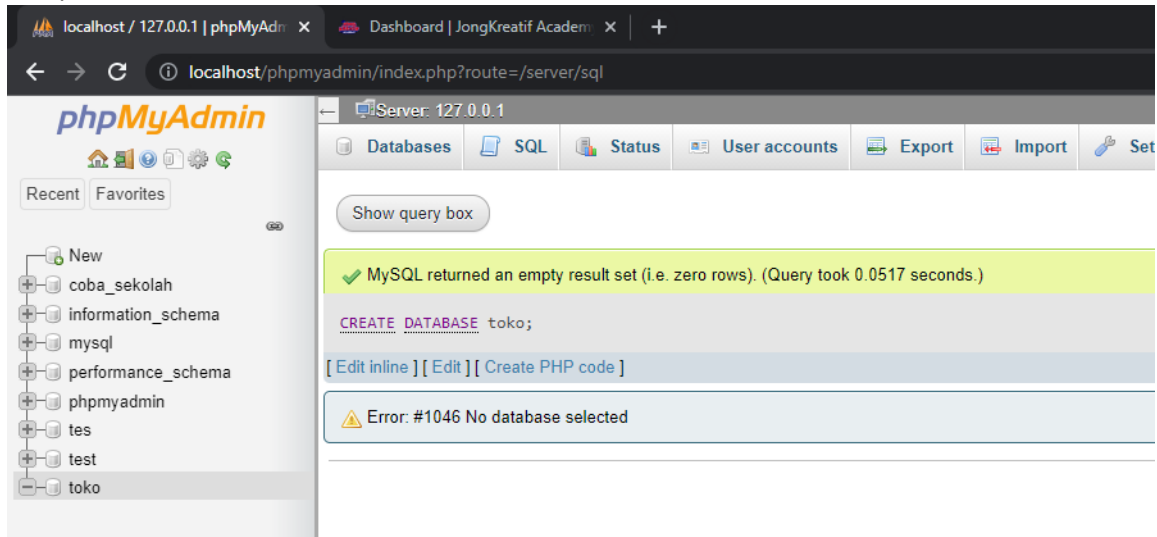
# Pengenalan MySQL

## 1. Membuat database “toko”

Code:

```
CREATE DATABASE toko;
```

Tampilan:



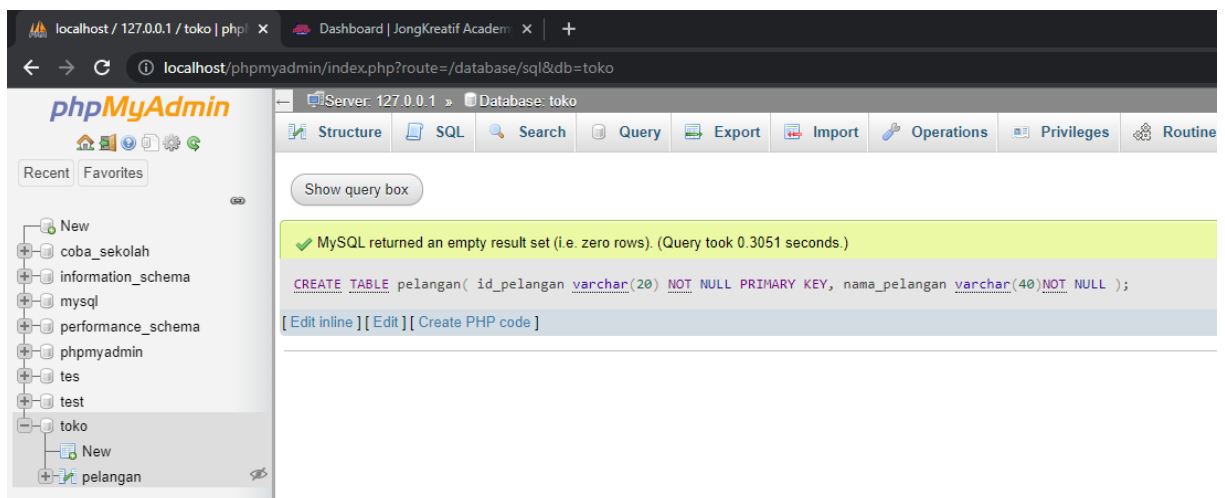
## 2. Membuat tabel berdasarkan ERD pelanggan dan barang

- Membuat tabel pelanggan

Code:

```
CREATE TABLE pelanggan (  
  id_pelanggan varchar(20) NOT NULL PRIMARY KEY,  
  nama_pelanggan varchar(40) NOT NULL  
);
```

Tampilan:

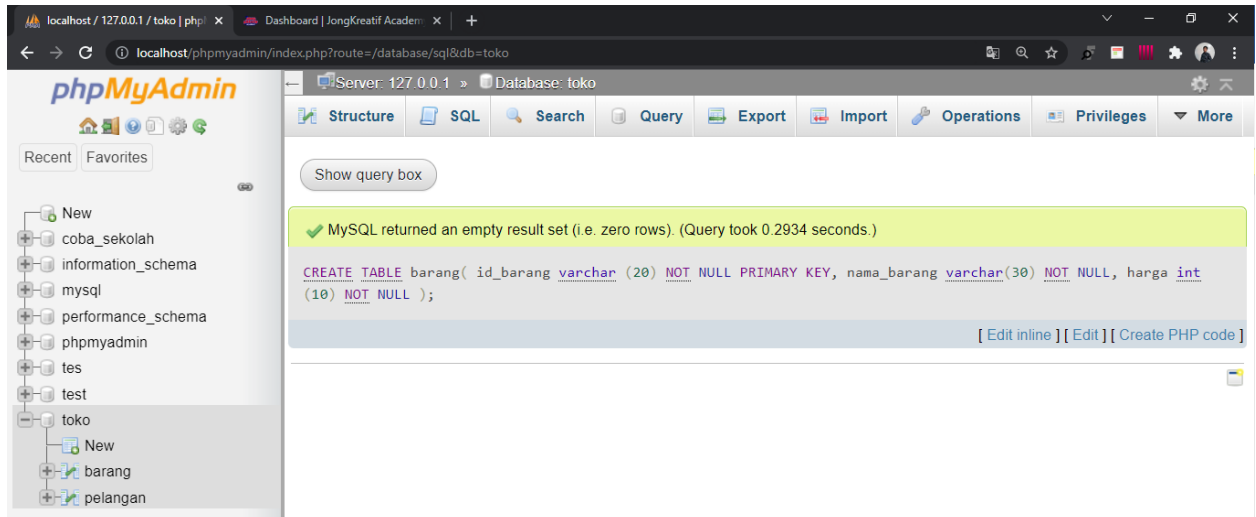


- Membuat tabel barang

Code:

```
CREATE TABLE barang(
id_barang varchar (20) NOT NULL PRIMARY KEY,
nama_barang varchar(30) NOT NULL,
harga int (10) NOT NULL
)
```

Tampilan:



3. Mengisi data table pelanggan, minimal 10

Code:

```
INSERT INTO pelanggan (id_pelanggan,nama_pelanggan) VALUES
("20211001","Aulia Yunisa"),
("20211002","Alimron Aida"),
("20211003","Surip Suharto"),
("20211004","Iwan Afandi"),
("20211005","Saitama Susanto"),
("20211006","Sulis Muazin"),
("20211007","Zenrasid"),
("20211008","Rahmayani"),
("20211009","Winda Auliya"),
("20211010","Putri Astutik")
```

Tampilan:

localhost / 127.0.0.1 / toko / phpMyAdmin

Server: 127.0.0.1 » Database: toko

Structure SQL Search Query Export Import Operations Privileges More

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Show query box

10 rows inserted. (Query took 0.1003 seconds.)

```
INSERT INTO pelanggan (id_pelanggan,nama_pelanggan) VALUES ("20211001","Aulia Yunisa"), ("20211002","Alimron Aida"), ("20211003","Surip Suharto"), ("20211004","Iwan Afandi"), ("20211005","Saitama Susanto"), ("20211006","Sulis Muazin"), ("20211007","Zenrasid"), ("20211008","Rahmayani"), ("20211009","Winda Auliya"), ("20211010","Putri Astutik");
```

[ Edit inline ] [ Edit ] [ Create PHP code ]

localhost / 127.0.0.1 / toko / pelanggan

Server: 127.0.0.1 » Database: toko » Table: pelanggan

Browse Structure SQL Search Insert

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Show all | Number of rows: 25 | Filter rows: Search

+ Options

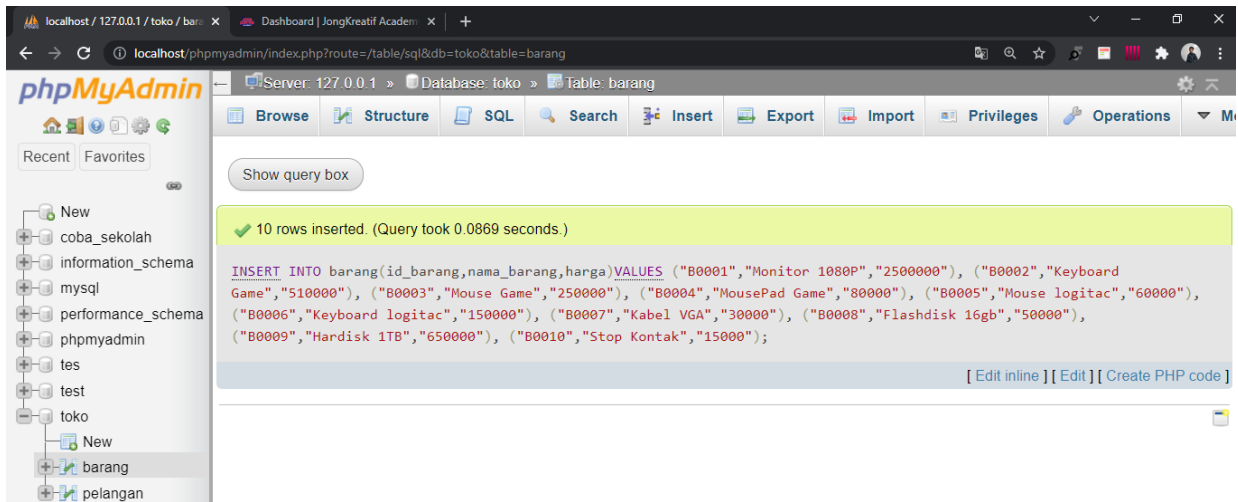
				id_pelanggan	nama_pelanggan
<input type="checkbox"/>	Edit	Copy	Delete	20211001	Aulia Yunisa
<input type="checkbox"/>	Edit	Copy	Delete	20211002	Alimron Aida
<input type="checkbox"/>	Edit	Copy	Delete	20211003	Surip Suharto
<input type="checkbox"/>	Edit	Copy	Delete	20211004	Iwan Afandi
<input type="checkbox"/>	Edit	Copy	Delete	20211005	Saitama Susanto
<input type="checkbox"/>	Edit	Copy	Delete	20211006	Sulis Muazin
<input type="checkbox"/>	Edit	Copy	Delete	20211007	Zenrasid
<input type="checkbox"/>	Edit	Copy	Delete	20211008	Rahmayani
<input type="checkbox"/>	Edit	Copy	Delete	20211009	Winda Auliya
<input type="checkbox"/>	Edit	Copy	Delete	20211010	Putri Astutik

Check all With selected: Edit Copy

4. Mengisi data table barang, minimal berjumlah 10  
Code:

```
INSERT INTO barang(id_barang,nama_barang,harga)VALUES
("B0001","Monitor 1080P","2500000"),
("B0002","Keyboard Game","510000"),
("B0003","Mouse Game","250000"),
("B0004","MousePad Game","80000"),
("B0005","Mouse logitac","60000"),
("B0006","Keyboard logitac","150000"),
("B0007","Kabel VGA","30000"),
("B0008","Flashdisk 16gb","50000"),
("B0009","Hardisk 1TB","650000"),
("B0010","Stop Kontak","15000")
```

Tampilan:



localhost / 127.0.0.1 / toko / barang x Dashboard | JongKreatif Academ x +

localhost/phpmyadmin/index.php?route=/sql&server=1&db=toko&table=barang&pos=0

phpMyAdmin

Recent Favorites

Server: 127.0.0.1 » Database: toko » Table: barang

Browse Structure SQL Search Insert

Showing rows 0 - 9 (10 total, Query took 0.0013 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

+ Options

				id_barang	nama_barang	harga
<input type="checkbox"/>	Edit	Copy	Delete	B0001	Monitor 1080P	2500000
<input type="checkbox"/>	Edit	Copy	Delete	B0002	Keyboard Game	510000
<input type="checkbox"/>	Edit	Copy	Delete	B0003	Mouse Game	250000
<input type="checkbox"/>	Edit	Copy	Delete	B0004	MousePad Game	80000
<input type="checkbox"/>	Edit	Copy	Delete	B0005	Mouse logitac	60000
<input type="checkbox"/>	Edit	Copy	Delete	B0006	Keyboard logitac	150000
<input type="checkbox"/>	Edit	Copy	Delete	B0007	Kabel VGA	30000
<input type="checkbox"/>	Edit	Copy	Delete	B0008	Flashdisk 16gb	50000
<input type="checkbox"/>	Edit	Copy	Delete	B0009	Hardisk 1TB	650000
<input type="checkbox"/>	Edit	Copy	Delete	B0010	Stop Kontak	15000

☐ Check all With selected: Edit Copy Delete

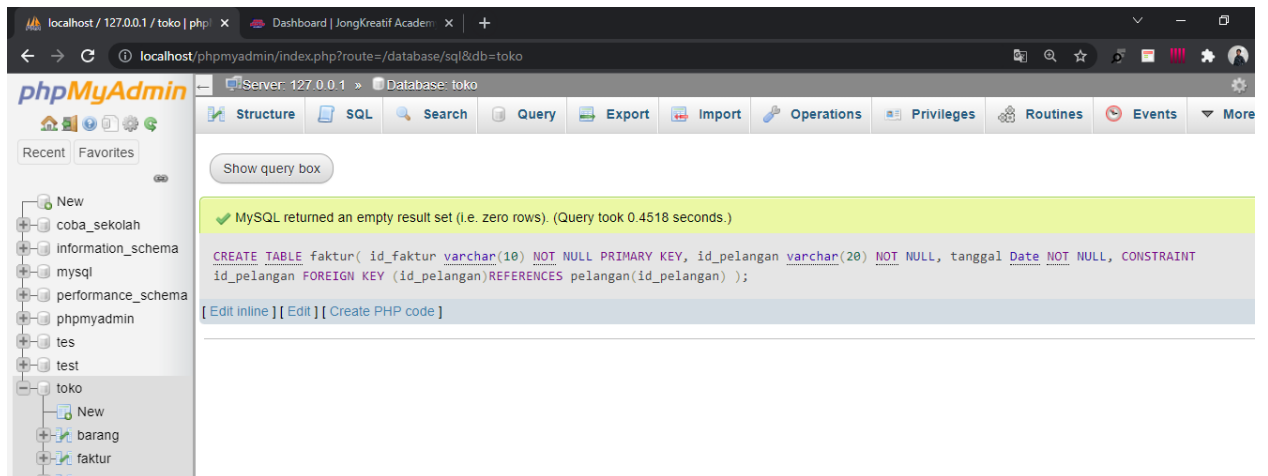
5. Interaksi jual-beli antara kedua tabel tersebut dalam tabel faktur dan fatur\_barang, dalam satu transaksi minimal terdapat 3 barang, minimal 5 transaksi

- Membuat tabel faktur

Code:

```
CREATE TABLE faktur(
  id_faktur varchar(10) NOT NULL PRIMARY KEY,
  id_pelangan varchar(20) NOT NULL,
  tanggal Date NOT NULL,
  CONSTRAINT id_pelangan FOREIGN KEY (id_pelangan)REFERENCES
  pelanggan(id_pelangan)
)
```

Tampilan:

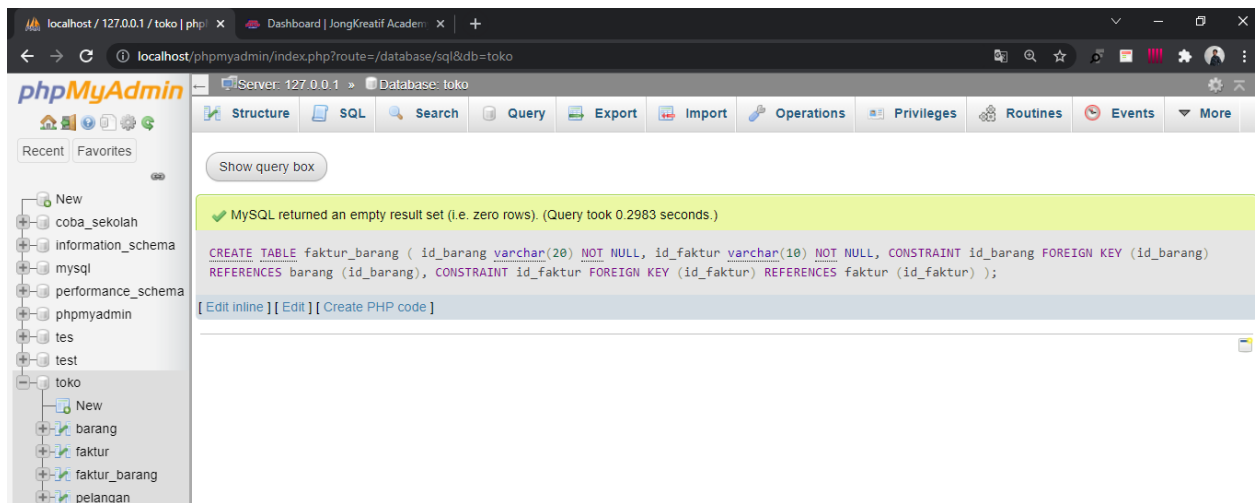


- Membuat tabel faktur\_barang

Code:

```
CREATE TABLE faktur_barang (
  id_barang varchar(20) NOT NULL,
  id_faktur varchar(10) NOT NULL,
  CONSTRAINT id_barang FOREIGN KEY (id_barang) REFERENCES barang (id_barang),
  CONSTRAINT id_faktur FOREIGN KEY (id_faktur) REFERENCES faktur (id_faktur)
)
```

Tampilan:



- mengisi data tabel faktur

Code:

```
INSERT INTO faktur(id_faktur,id_pelangan,tanggal) VALUES
('F0001','20211001','2021-10-10'),
('F0002','20211002','2021-10-10'),
('F0003','20211004','2021-10-11'),
('F0004','20211005','2021-10-12'),
('F0005','20211008','2021-10-13'),
('F0006','20211009','2021-10-14'),
('F0007','20211010','2021-10-14')
```

Tampilan:

Server: 127.0.0.1 » Database: toko » Table: faktur

7 rows inserted. (Query took 0.1351 seconds.)

```
INSERT INTO faktur(id_faktur,id_pelangan,tanggal)VALUES ('F0001','20211001','2021-10-10'), ('F0002','20211002','2021-10-10'), ('F0003','20211004','2021-10-11'), ('F0004','20211005','2021-10-12'), ('F0005','20211008','2021-10-13'), ('F0006','20211009','2021-10-14'), ('F0007','20211010','2021-10-14');
```

Showing rows 0 - 6 (7 total, Query took 0.0012 seconds.)

```
SELECT * FROM `faktur`
```

☐ Profiling [\[ Edit inline \]](#) [\[ Edit \]](#) [\[ Explain SQL \]](#) [\[ Create PHP code \]](#) [\[ Refresh \]](#)

☐ Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

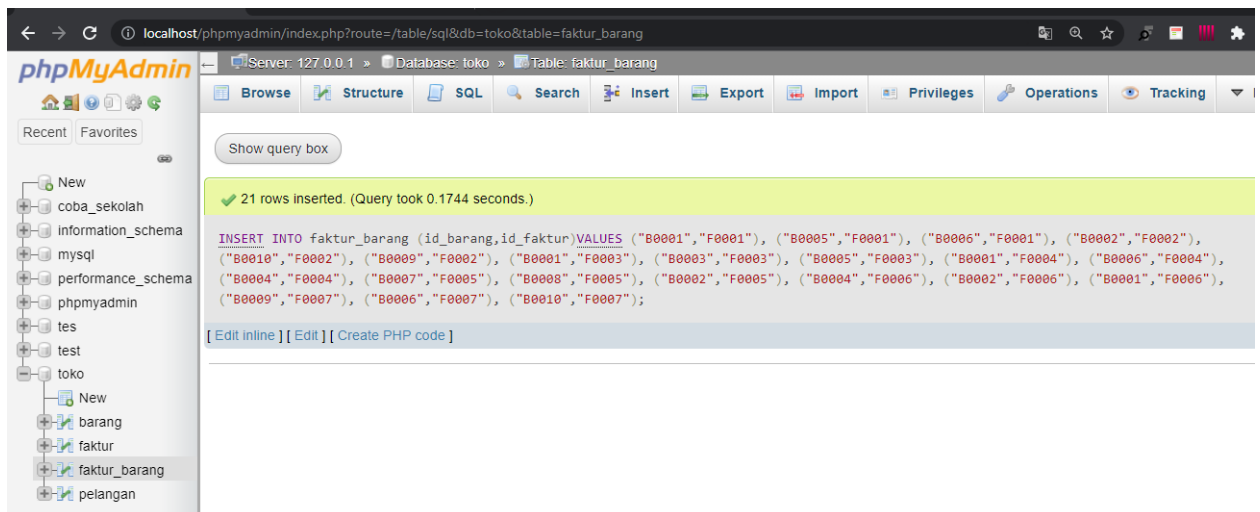
				id_faktur	id_pelangan	tanggal
<input type="checkbox"/>	Edit	Copy	Delete	F0001	20211001	2021-10-10
<input type="checkbox"/>	Edit	Copy	Delete	F0002	20211002	2021-10-10
<input type="checkbox"/>	Edit	Copy	Delete	F0003	20211004	2021-10-11
<input type="checkbox"/>	Edit	Copy	Delete	F0004	20211005	2021-10-12
<input type="checkbox"/>	Edit	Copy	Delete	F0005	20211008	2021-10-13
<input type="checkbox"/>	Edit	Copy	Delete	F0006	20211009	2021-10-14
<input type="checkbox"/>	Edit	Copy	Delete	F0007	20211010	2021-10-14

- mengisi data tabel faktur\_barang

Code:

```
INSERT INTO faktur_barang (id_barang,id_faktur)VALUES
("B0001","F0001"),
("B0005","F0001"),
("B0006","F0001"),
("B0002","F0002"),
("B0010","F0002"),
("B0009","F0002"),
("B0001","F0003"),
("B0003","F0003"),
("B0005","F0003"),
("B0001","F0004"),
("B0006","F0004"),
("B0004","F0004"),
("B0007","F0005"),
("B0008","F0005"),
("B0002","F0005"),
("B0004","F0006"),
("B0002","F0006"),
("B0001","F0006"),
("B0009","F0007"),
("B0006","F0007"),
("B0010","F0007")
```

Tampilan:





Recent Favorites

Current selection does not contain any data

Showing rows 0 - 20 (21 total, 0 rows hidden)

```
SELECT * FROM `faktur_barang`
```

☐ Profiling [ Edit inline ] [ Edit ] [ Export ]

☐ Show all | Number of rows:

+ Options

id_barang	id_faktur
B0001	F0001
B0005	F0001
B0006	F0001
B0002	F0002
B0010	F0002
B0009	F0002
B0001	F0003
B0003	F0003
B0005	F0003
B0001	F0004
B0006	F0004
B0004	F0004
B0007	F0005
B0008	F0005
B0002	F0005
B0004	F0006
B0002	F0006
B0001	F0006
B0009	F0007
B0006	F0007
B0010	F0007

Database structure (Left Panel):

- coba\_sekolah
  - information\_schema
  - mysql
  - performance\_schema
  - phpmyadmin
  - tes
  - test
  - toko
    - New
    - barang
    - faktur
    - faktur\_barang
    - pelanggan

