

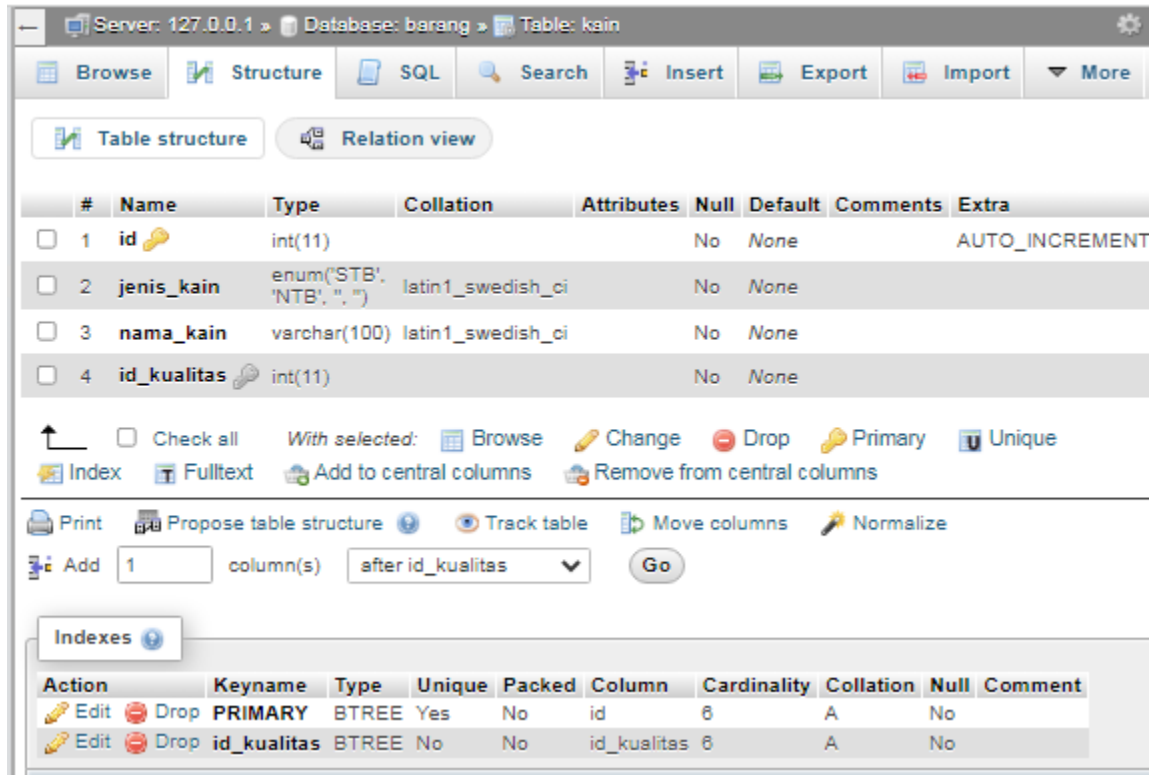
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Jawaban Nomor 1

A. Buat beberapa table berdasarkan tampilan di bawah

Saya membuat dua buah table berdasarkan tampilan di bawah dengan relasi antar table

Tabel Kain :



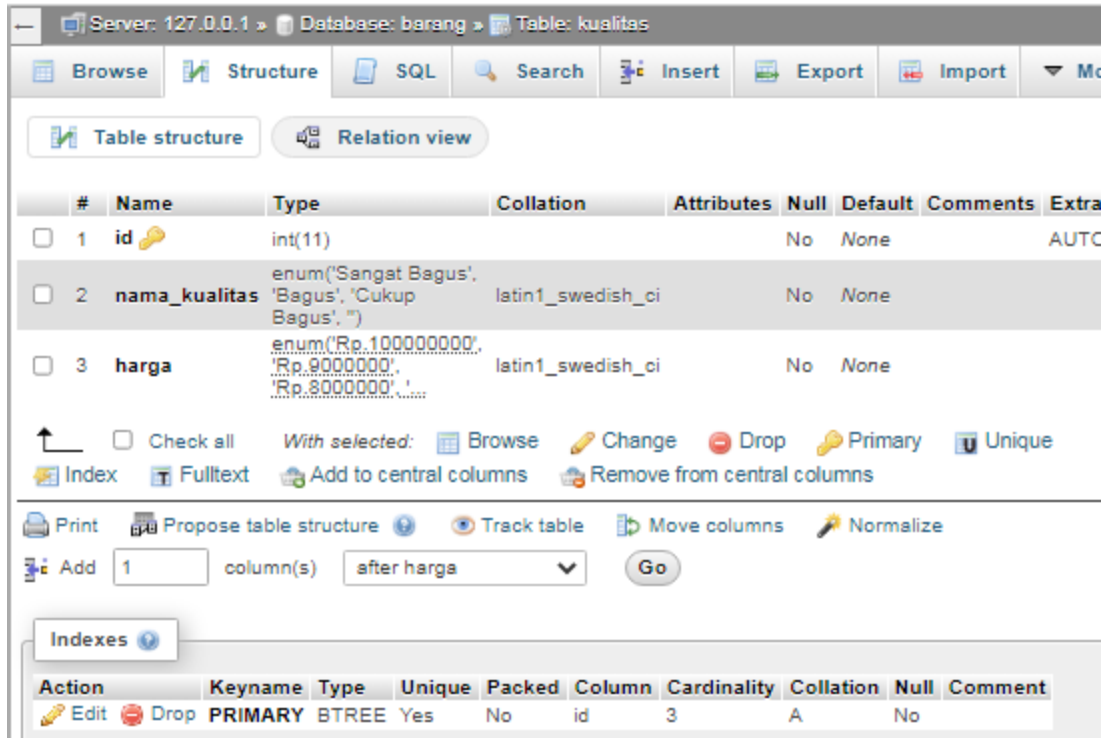
The screenshot shows the MySQL Table Structure window for a table named 'kain' in a database named 'barang'. The table has four columns: 'id' (int(11), primary key, AUTO_INCREMENT), 'jenis_kain' (enum('STB', 'NTB', '', ''), latin1_swedish_ci), 'nama_kain' (varchar(100), latin1_swedish_ci), and 'id_kualitas' (int(11), foreign key to 'id_kualitas' in the 'kualitas' table). The 'id' column is marked as the primary key. The 'id_kualitas' column is marked as a foreign key. The 'jenis_kain' column has a comment 'jenis kain'.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id	int(11)			No	None		AUTO_INCREMENT
2	jenis_kain	enum('STB', 'NTB', '', '')	latin1_swedish_ci		No	None		
3	nama_kain	varchar(100)	latin1_swedish_ci		No	None		
4	id_kualitas	int(11)			No	None		

Indexes:

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit	PRIMARY	BTREE	Yes	No	id	6	A	No	
Edit	id_kualitas	BTREE	No	No	id_kualitas	6	A	No	

Tabel Kualitas :



B. Buat script untuk insert datanya pada masing-masing table

Script Insert data ke dalam tabel kain :

```
INSERT INTO `kain`(`id`, `jenis_kain`, `nama_kain`, `id_kualitas`) VALUES ('','STB','Sutra','1')
```

Hasil insert semua data ke dalam tabel kain :

Server: 127.0.0.1 » Database: barang » Table: kain

Browse Structure SQL Search Insert Export

Showing rows 0 - 5 (6 total, Query took 0.0150 seconds.)

`SELECT * FROM `kain``

☐ Profiling [Edit inline] [Edit] [Explain SQL]

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

+ Options

	id	jenis_kain	nama_kain	id_kualitas
<input type="checkbox"/> Edit Copy Delete	1	STB	Sutra	1
<input type="checkbox"/> Edit Copy Delete	2	STB	Sutra	2
<input type="checkbox"/> Edit Copy Delete	3	STB	Sutra	3
<input type="checkbox"/> Edit Copy Delete	4	NTB	Katun	1
<input type="checkbox"/> Edit Copy Delete	5	NTB	Katun	2
<input type="checkbox"/> Edit Copy Delete	6	NTB	Katun	3

☐ Check all | With selected: Edit Copy Delete Export

Script Insert data ke dalam tabel kualitas :

```
INSERT INTO `kualitas`(`id`, `nama_kualitas`, `harga`) VALUES ('','Sangat Bagus','Rp.100000000')
```

Hasil insert semua data ke dalam tabel kualitas :

Server: 127.0.0.1 » Database: barang » Table: kualitas

Browse Structure SQL Search Insert Export

Showing rows 0 - 2 (3 total, Query took 0.0050 seconds.)

`SELECT * FROM `kualitas``

☐ Profiling [Edit inline] [Edit] [Explain SQL]

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

+ Options

	id	nama_kualitas	harga
<input type="checkbox"/> Edit Copy Delete	1	Sangat Bagus	Rp.100000000
<input type="checkbox"/> Edit Copy Delete	2	Bagus	Rp.90000000
<input type="checkbox"/> Edit Copy Delete	3	Cukup Bagus	Rp.80000000

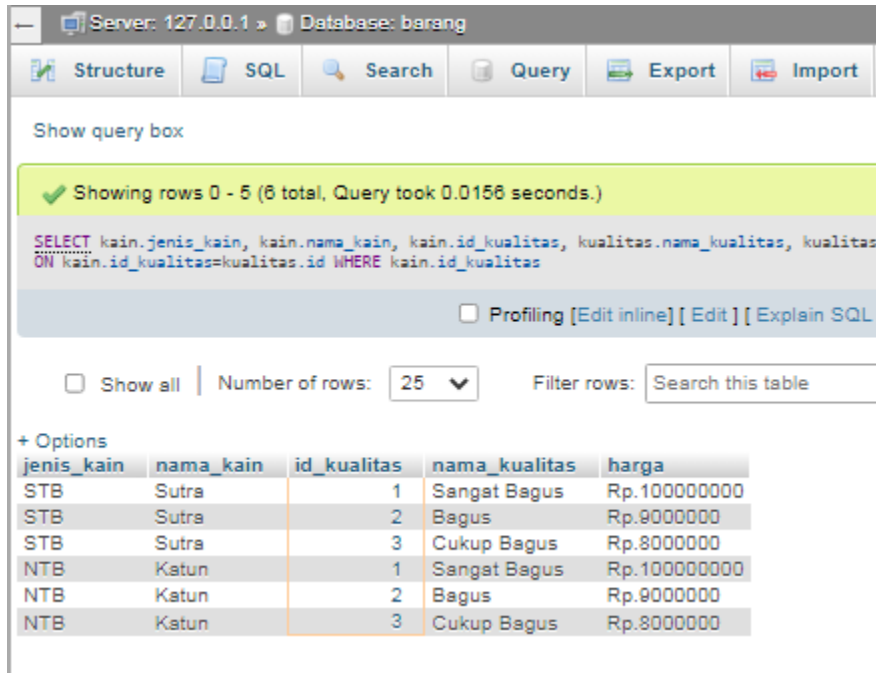
☐ Check all | With selected: Edit Copy Delete Export

C. Buat script dengan tampilan berikut

Script :

```
SELECT kain.jenis_kain, kain.nama_kain, kain.id_kualitas, kualitas.nama_kualitas, kualitas.harga FROM  
kain JOIN kualitas ON kain.id_kualitas=kualitas.id WHERE kain.id_kualitas
```

Hasil :



Server: 127.0.0.1 » Database: barang

Structure SQL Search Query Export Import

Show query box

Showing rows 0 - 5 (6 total, Query took 0.0156 seconds.)

```
SELECT kain.jenis_kain, kain.nama_kain, kain.id_kualitas, kualitas.nama_kualitas, kualitas.harga  
FROM kain JOIN kualitas ON kain.id_kualitas=kualitas.id WHERE kain.id_kualitas
```

☐ Profiling [Edit inline] [Edit] [Explain SQL]

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

+ Options

jenis_kain	nama_kain	id_kualitas	nama_kualitas	harga
STB	Sutra	1	Sangat Bagus	Rp.100000000
STB	Sutra	2	Bagus	Rp.90000000
STB	Sutra	3	Cukup Bagus	Rp.80000000
NTB	Katun	1	Sangat Bagus	Rp.100000000
NTB	Katun	2	Bagus	Rp.90000000
NTB	Katun	3	Cukup Bagus	Rp.80000000

Jawaban Nomor 2

- Uang pecahan Rp.100.000 : 10
- Uang pecahan Rp.50.000 : 8
- Uang pecahan Rp.20.000 : 10
- Uang pecahan Rp.5.000 : 15
- Uang pecahan Rp.100 : 2
- Uang pecahan Rp.50 : 1

Jawaban Nomor 3

Untuk mengekstrak variable user@example.com menjadi example.com ke dalam string gunakan bahasa pemogramman php yaitu :

```
<?php
echo strchr("user@example.com","example.com");
?>
```

Jawaban Nomor 4

```
<?php
$angka=array("a"=>1000000,"b"=>200000,"c"=>20000,"d"=>5000,"e"=>400,"f"=>40,"g"=>1);
echo array_sum($angka);
?>
```

Jawaban Nomor 5

```
<?php
$string = "3204657895";
echo strlen($string)."<br>";
?>
```

Hasilnya : 10