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Merancang Database

1. Masuk ke dalam folder bin di dalam mysl, ketikan **mysql –u root** untuk mengakses mariadb, dan buat nama database dengan mengetikan **create database faktur**;

```
Microsoft Windows [Version 6.2.9200]
(c) 2012 Microsoft Corporation. All rights reserved.

C:\Users\ASUS1>cd xampp1
The system cannot find the path specified.

C:\Users\ASUS1>cd...

C:\Users\ASUS1>cd...

C:\Users\ASUS1>cd...

C:\Users\ASUS1>cd...

C:\Users\ASUS1>cd...

C:\Users\cd...

C:\Users\cd...

C:\users\cd...

C:\users\cd...

C:\users\cd...

C:\users\cd...

C:\users\cd...

C:\xampp1\mysql>cd mysql

C:\xampp1\mysql>cd mysql

C:\xampp1\mysql>cd bin

C:\xampp1\mysql\mysql\sin\mysql -u root

Welcome to the MariaDB monitor. Commands end with ; or \g.
Your MariaDB connection id is 50

Server version: 10.4.13-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]>

MariaDB [(none)] user faktur;

Query OK. 1 row affected (0.030 sec)

MariaDB [(none)] user faktur;

ERROR 1864 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'user faktur' at line 1

MariaDB [(none)]) use faktur;
```

2. Create table barang

```
C:\Users\ASUS1>cd xampp1
The system cannot find the path specified.

C:\Users\ASUS1>cd...

C:\Users\ASUS1
colored\Asustates

Action \interthory

Asimple (none)

Action \interthory

Action \interthory

Asimple (none)

Action \interthory

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```

Untuk melihat hasil nya ketikan describe barang;

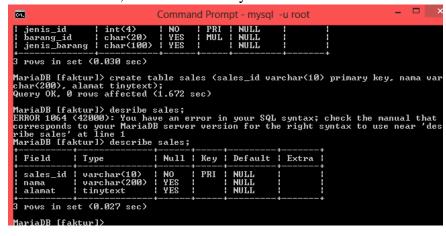
MariaDB [faktur]> desrcibe barang; ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'des rcibe barang' at line 1 MariaDB [faktur]> describe barang;								
Field	Туре	Null	Кеу	Default	Extra	Ī		
jenis_id nm_brg merk_brg type_brg qty qty_level	char(20) char(50) char(100) char(100) char(20) int(11) int(11)	YES YES YES YES YES		NULL NULL NULL NULL NULL NULL NULL				
8 rows in set	t (0.031 sec	·	•		•	+		

3. Create table jenis

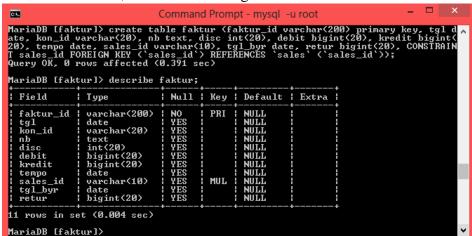
Untuk membuat foreign key pada tabel jenis, relasikan tabel jenis dengan tabel barang menggunakan CONSTRAINT barang_id FOREIGN KEY ('barang_id') REFERENCES 'barang' ('barang_id'),



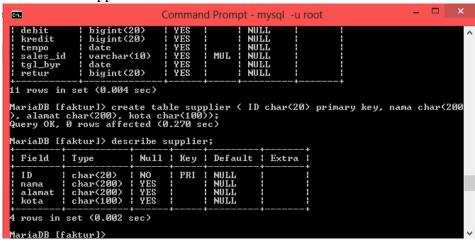
4. Create table sales, dan check hasil nya



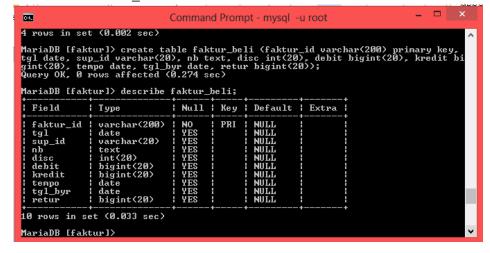
5. Create tabel faktur, dan relasikan dengan tabel sales



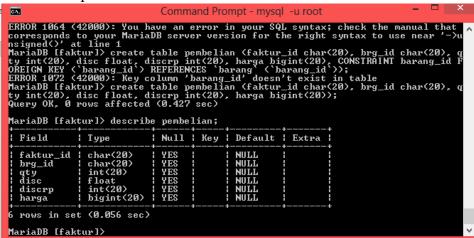
6. Create tabel supplier



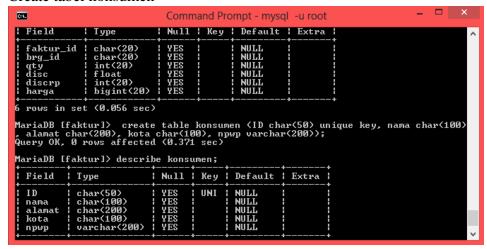
7. Create tabel faktur_beli



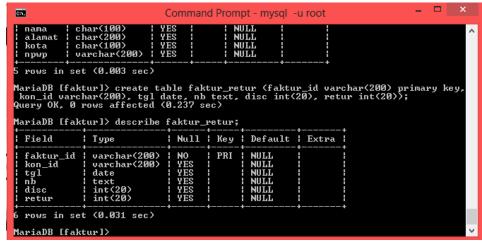
8. Create tabel pembelian



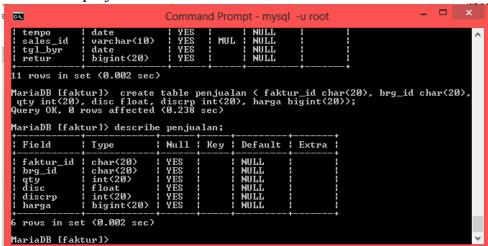
9. Create tabel konsumen



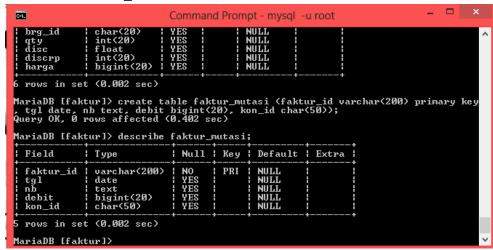
10. Create tabel faktur_retur



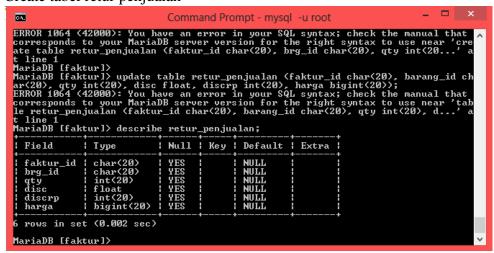
11. Create tabel penjualan



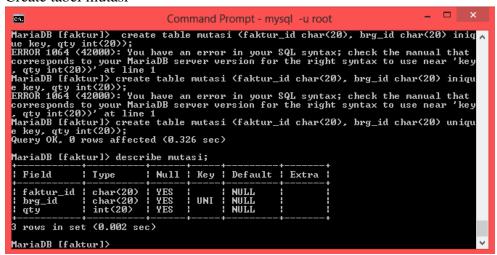
12. Create tabel faktur mutasi



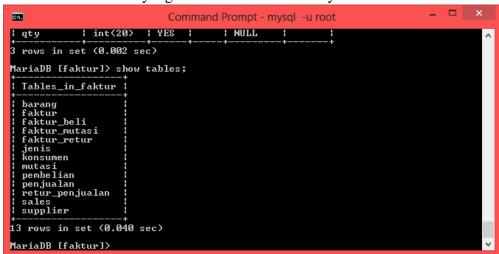
13. Create tabel retur penjualan



14. Create tabel mutasi



15. Ini adalah tabel-tabel yang sudah dibuat sebelumnya



16. Kemudian masuk ke Phpmyadmin, masuk ke database yang telah dibuat, klik more, designer, dan buat relasinya

