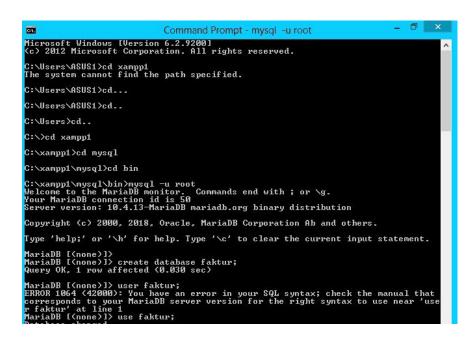
Nama: Haekal Hilmi Zain

Npm: 1194017

Merancang Database

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



2. Create table barang

```
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\ASUS1>cd...

C:\Users\ASUS1>cd...

C:\Users\ASUS1>cd...

C:\Seampp1\mysql>cd mysql

C:\xampp1\mysql>cd mysql

C:\xampp1\mysql>cd bin

C:\xampp1\mysql>chin\mysql -u root

Welcome to the MariaDB monitor. Commands end with; or \g.

Your MariaDB connection id is \square\Sigma Server version: 18.4.13-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation \text{Ab} and others.

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

MariaDB [(none)]>
MariaDB [(none)]> create database faktur;
Query OK, 1 row affected (0.830 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 'use r faktur' at line 1

MariaDB [(none)] use faktur;
Database changed

MariaDB [faktur]> create table barang (barang id char(20) primary key,jenis_id char(3D), nm bng char(100),merk_brg char(100),type_brg char(20), qty int(11), qty level int(11), harga int(11);
Query OK, 0 rows affected (0.698 sec)

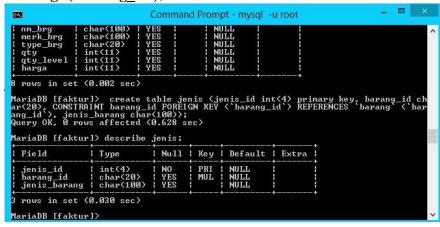
MariaDB [faktur]>
```

Untuk melihat hasil nya ketikan describe barang;

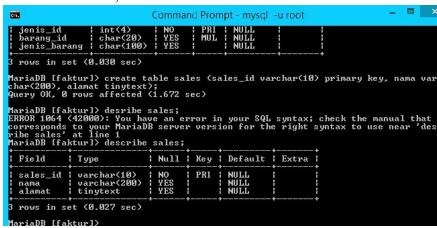
	'at line 1 turl> descri	be bar	ran	g;			
Field	Туре	Nul	ı	Key	Default	Extra	Ī
	char(20)						Ţ
	char(50)						
	char(100) char(100)				NULL	-	
	char(20)				NULL	d	1
	int(11)						
	int(11)				NULL	i	i
	int(11)				NULL	H	i e

3. Create table jenis

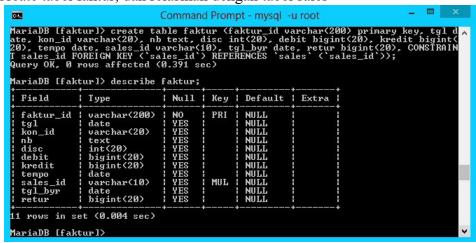
Untuk membuat foreign key pada tabel jenis, relasikan tabel jenis dengan tabel barang menggunakan CONSTRAINT barang_id FOREIGN KEY ('barang_id') REFERENCES 'barang' ('barang id'),



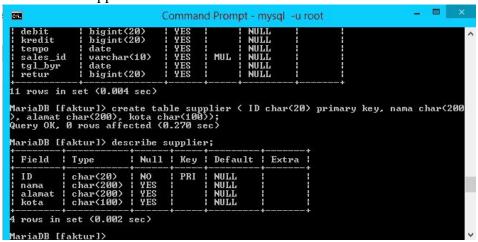
4. Create table sales, dan check



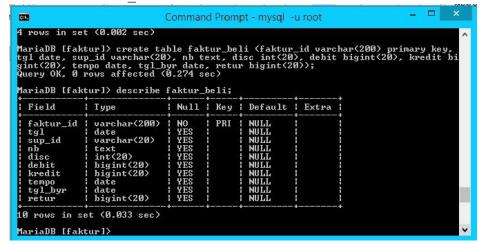
5. Create tabel faktur, dan relasikan dengan tabel sales



6. Create tabel supplier



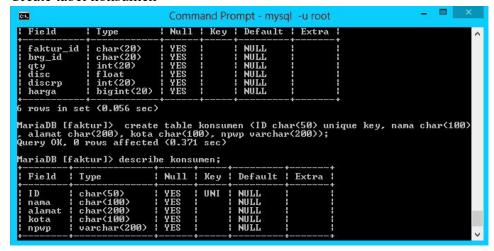
7. Create tabel faktur beli



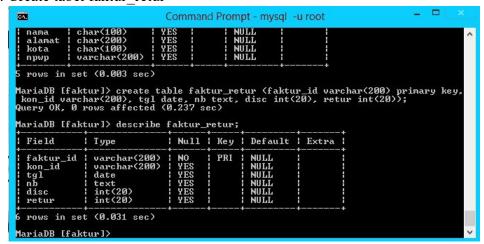
8. Create tabel pembelian



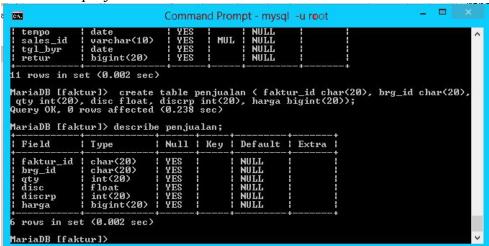
9. Create tabel konsumen



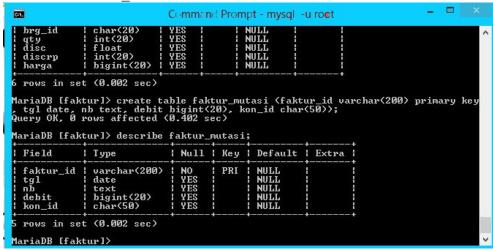
10. Create tabel faktur retur



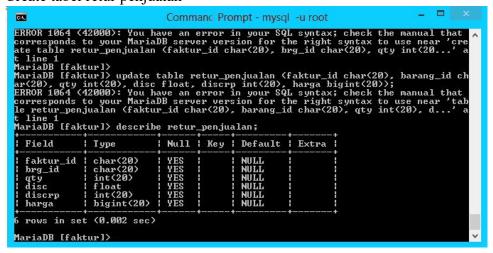
11. Create tabel penjualan



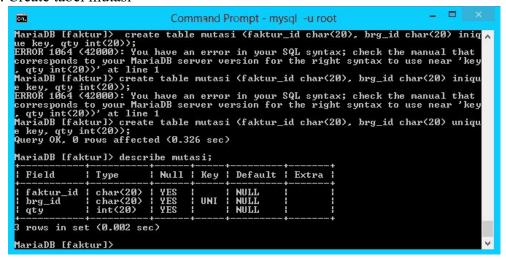
12. Create tabel faktur mutasi



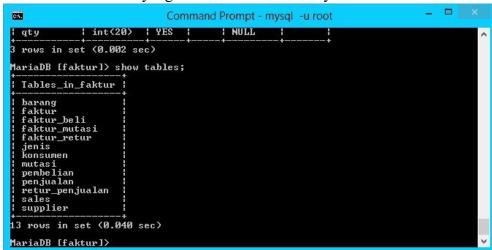
13. Create tabel retur penjualan



14. Create tabel mutasi



15. Ini adalah tabel-tabel yang sudah dibuat sebelumnya



16. Kemudian lanjut ke Phpmyadmin, masuk ke database yang telah dibuat dan buat relasinya

