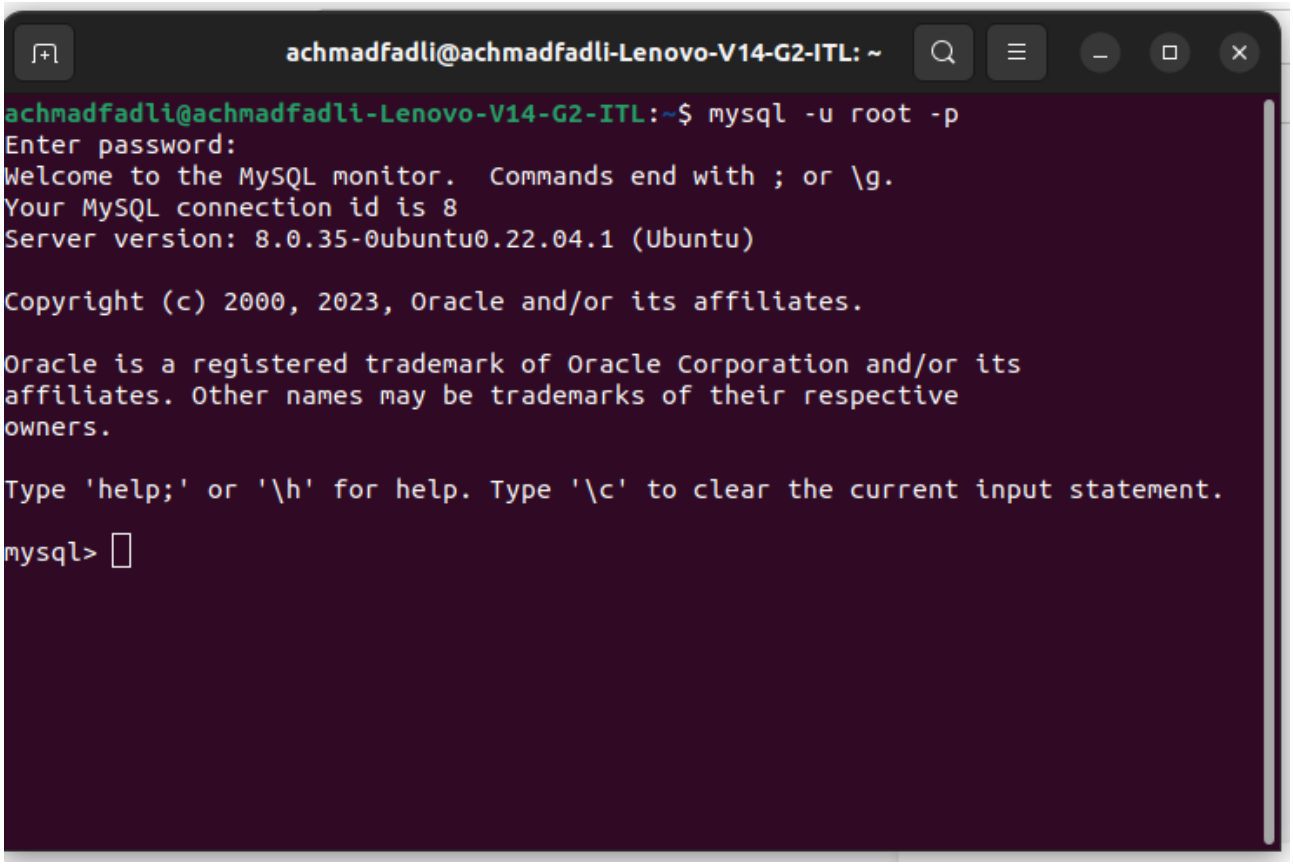
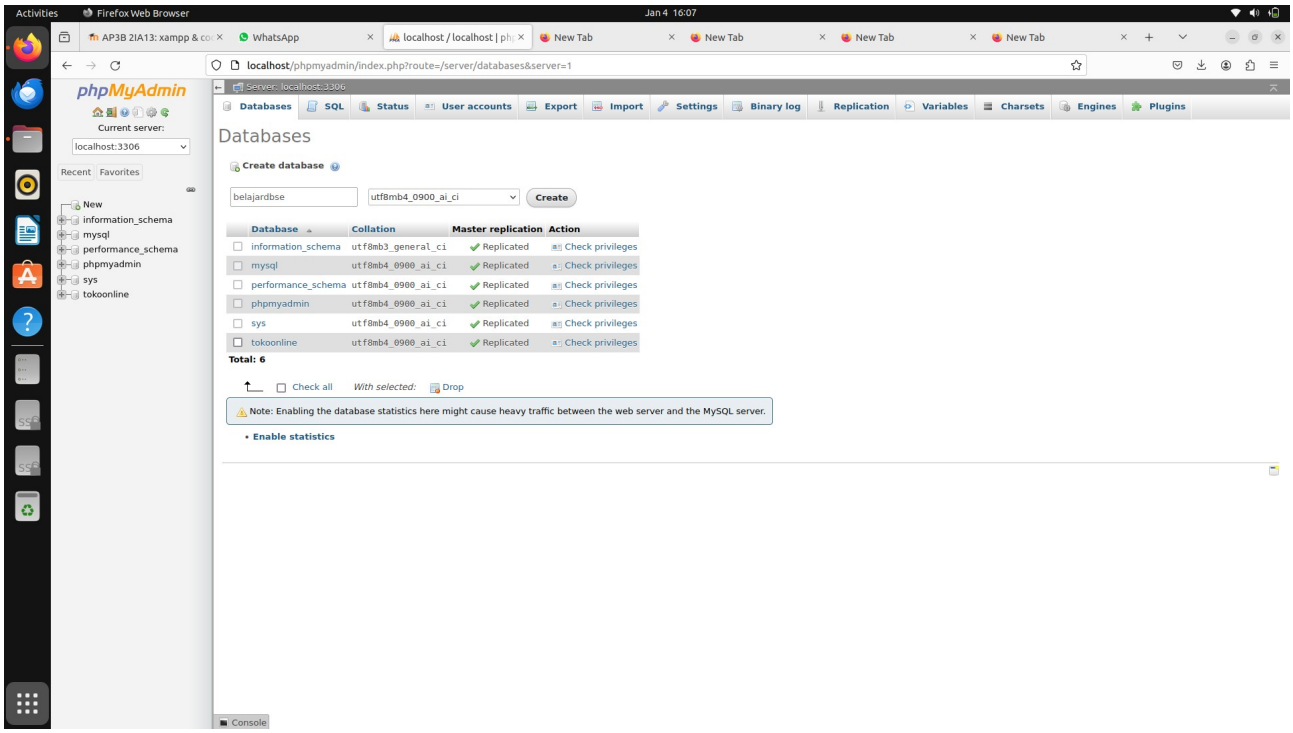
Nama : Achmad Fadli Iskandar

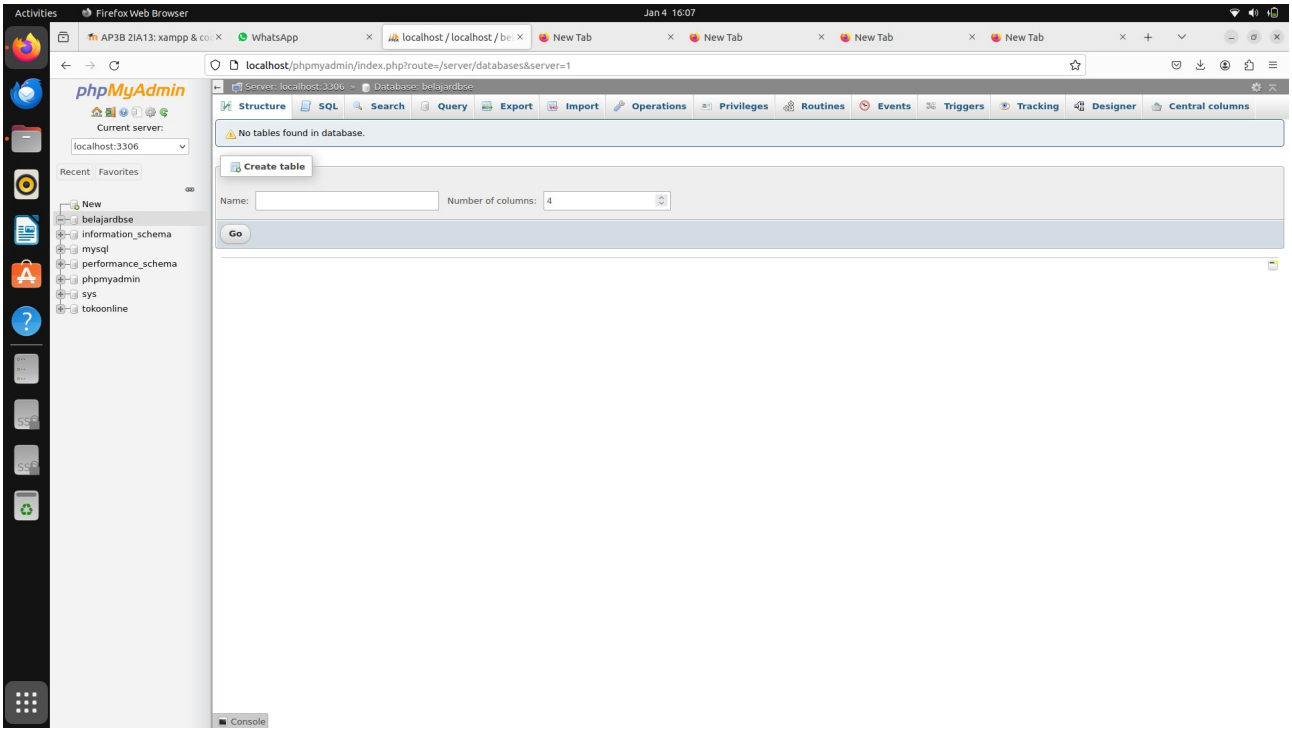
Kelas : 2IA13

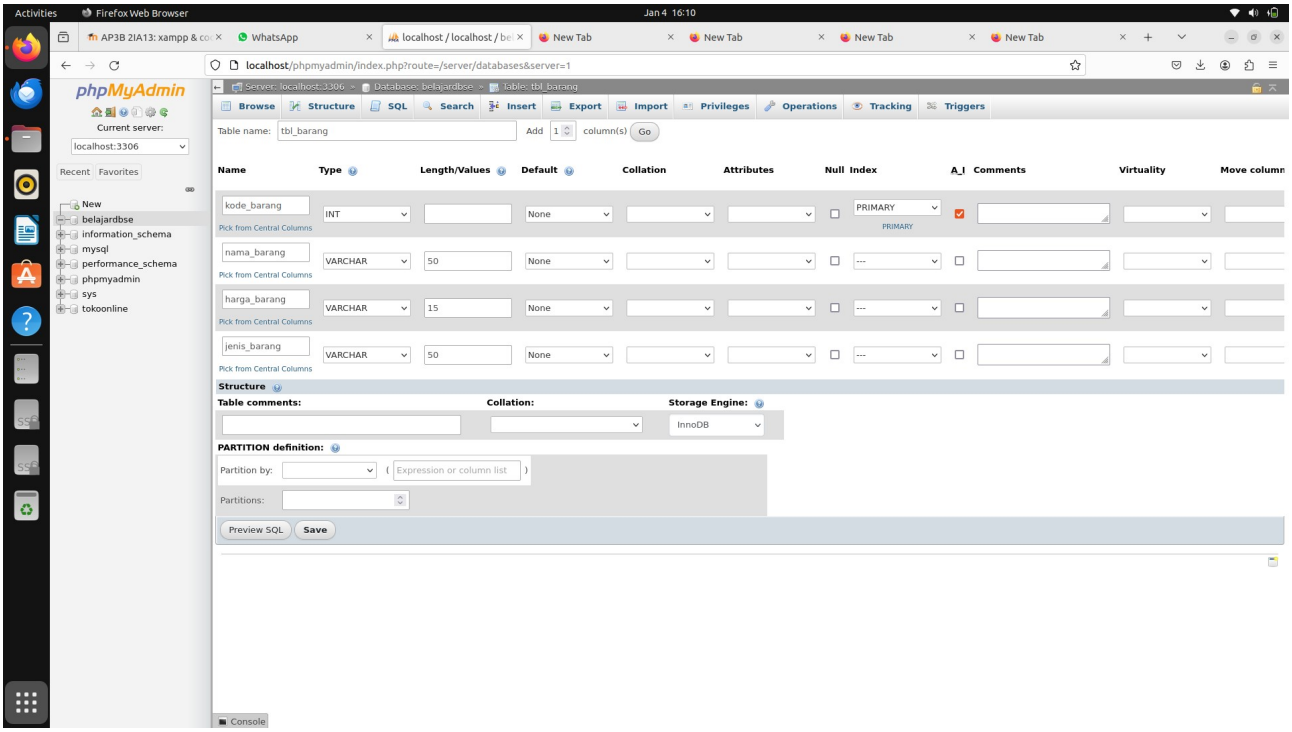
NPM : 50422069

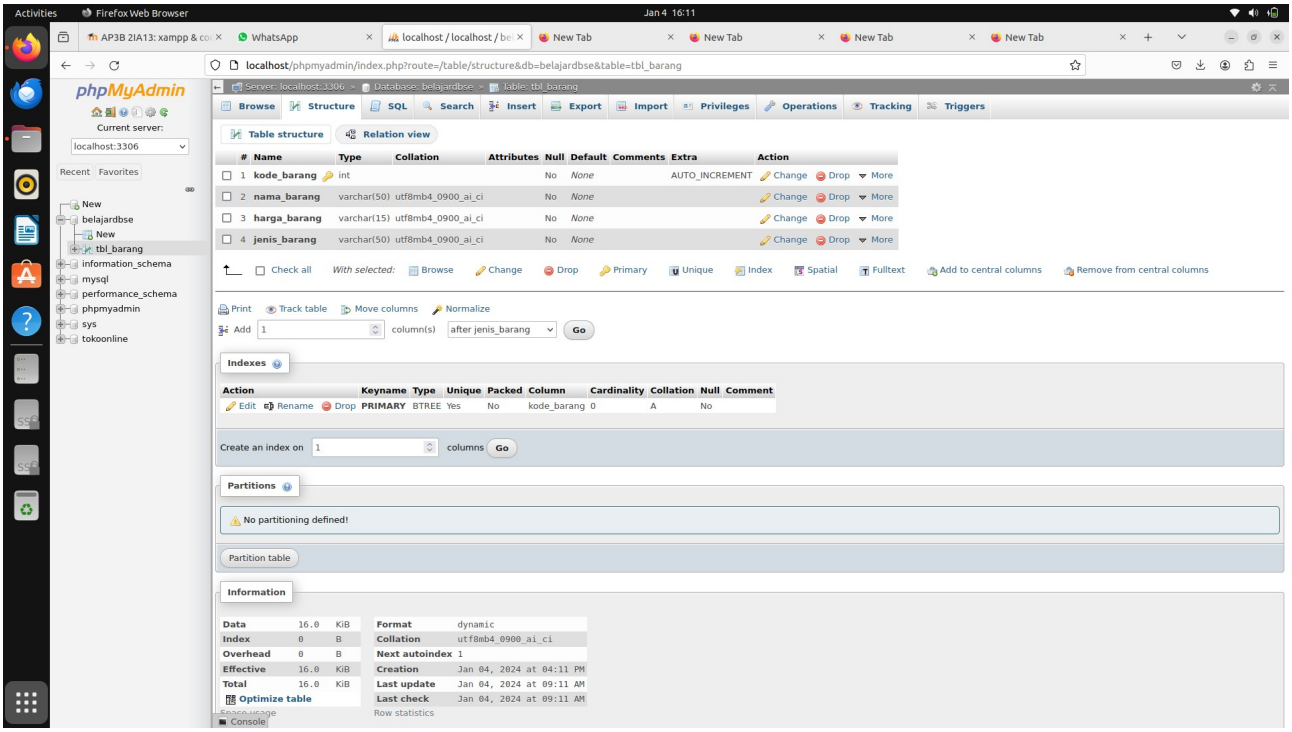
Activity Pertemuan 3

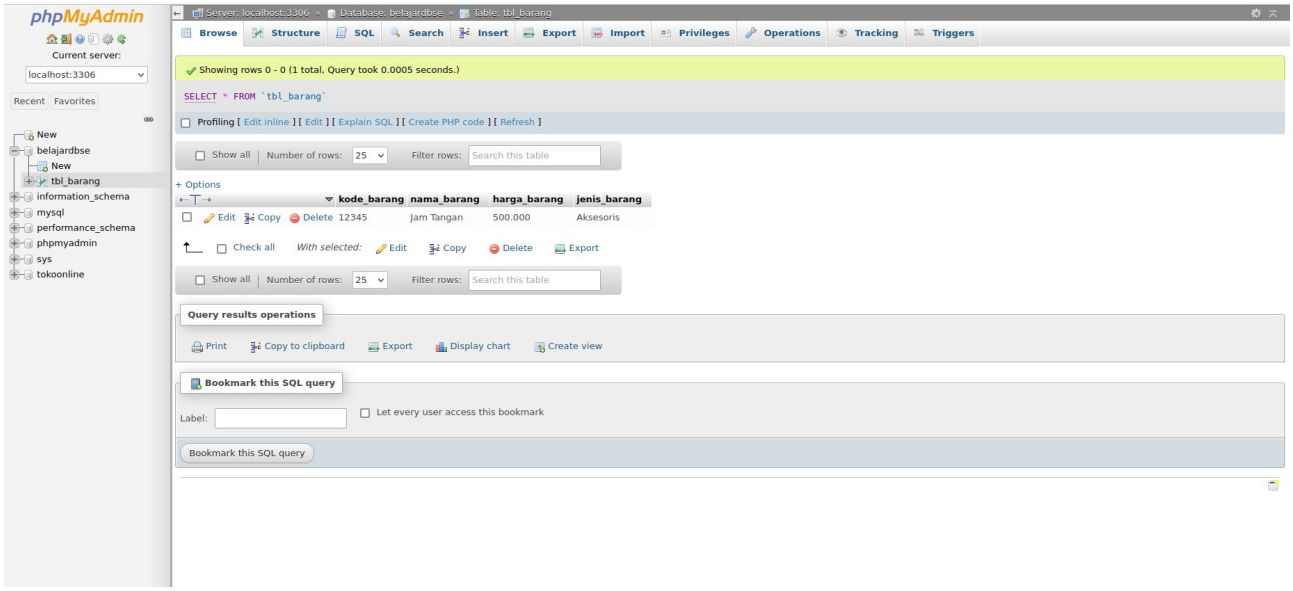


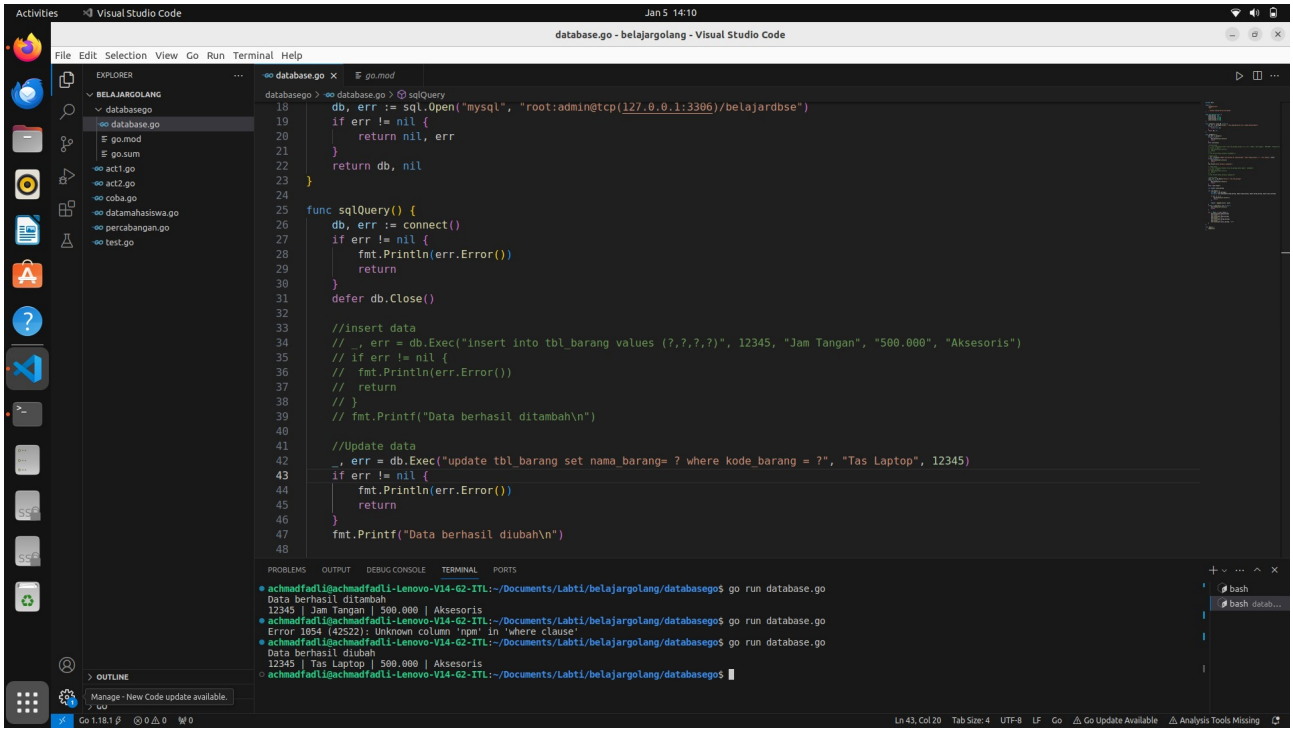

Activities
Firefox Web Browser
Jan 4 16:07
localhost/phpmyadmin/index.php?route=/server/databases&server=1
phpMyAdmin
Current server:
localhost:3306
Recent
Favorites
New
information_schema
mysql
performance_schema
phpmyadmin
sys
tokoonline
Server: localhost:3306
Databases
SQL
Status
User accounts
Export
Import
Settings
Binary log
Replication
Variables
Charsets
Engines
Plugins
Databases
Create database
belajardbse
utf8mb4_0900_ai_ci
Create
Database
Collation
Master replication
Action
information_schema utf8mb3_general_ci Replicated Check privileges
mysql utf8mb4_0900_ai_ci Replicated Check privileges
performance_schema utf8mb4_0900_ai_ci Replicated Check privileges
phpmyadmin utf8mb4_0900_ai_ci Replicated Check privileges
sys utf8mb4_0900_ai_ci Replicated Check privileges
tokoonline utf8mb4_0900_ai_ci Replicated Check privileges
Total: 6
Check all
With selected:
Drop
Note: Enabling the database statistics here might cause heavy traffic between the web server and the MySQL server.
Enable statistics
Console

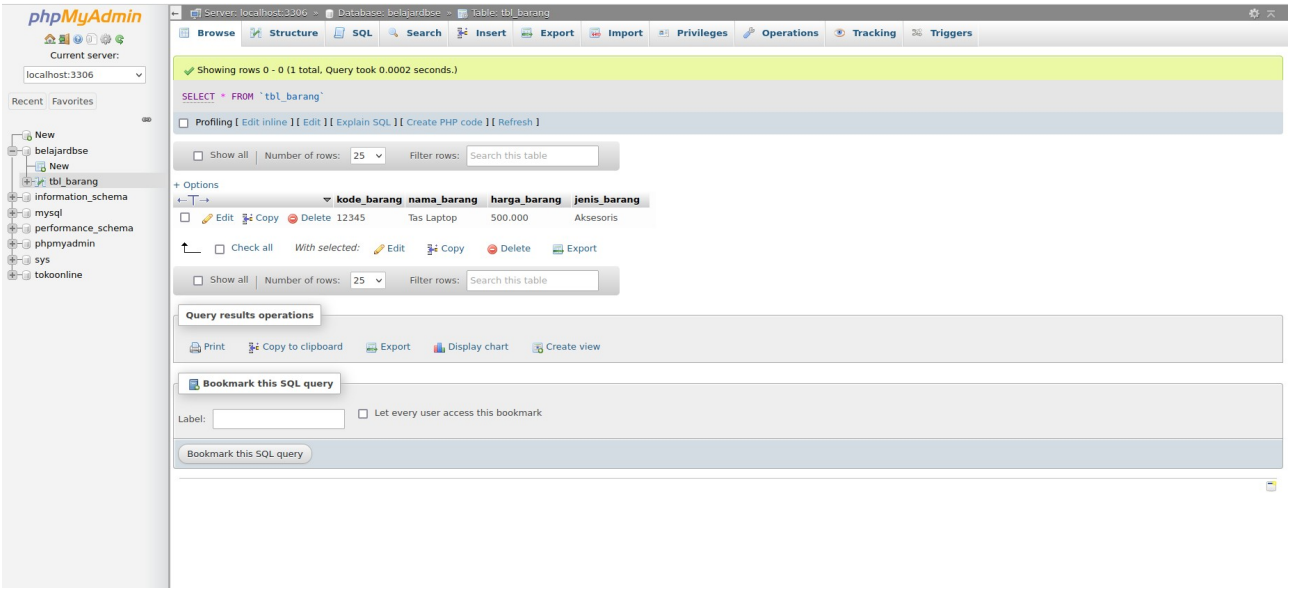

Activities
Firefox Web Browser
Jan 4 16:07
localhost/phpmyadmin/index.php?route=/server/databases&server=1
phpMyAdmin
Current server:
localhost:3306
Recent
Favorites
New
belajardbse
information_schema
mysql
performance_schema
phpmyadmin
sys
tokoonline
Server: localhost:3306 » Database: belajardbse
Structure
SQL
Search
Query
Export
Import
Operations
Privileges
Routines
Events
Triggers
Tracking
Designer
Central columns
No tables found in database.
Create table
Name:
Number of columns:
4
Go
Console

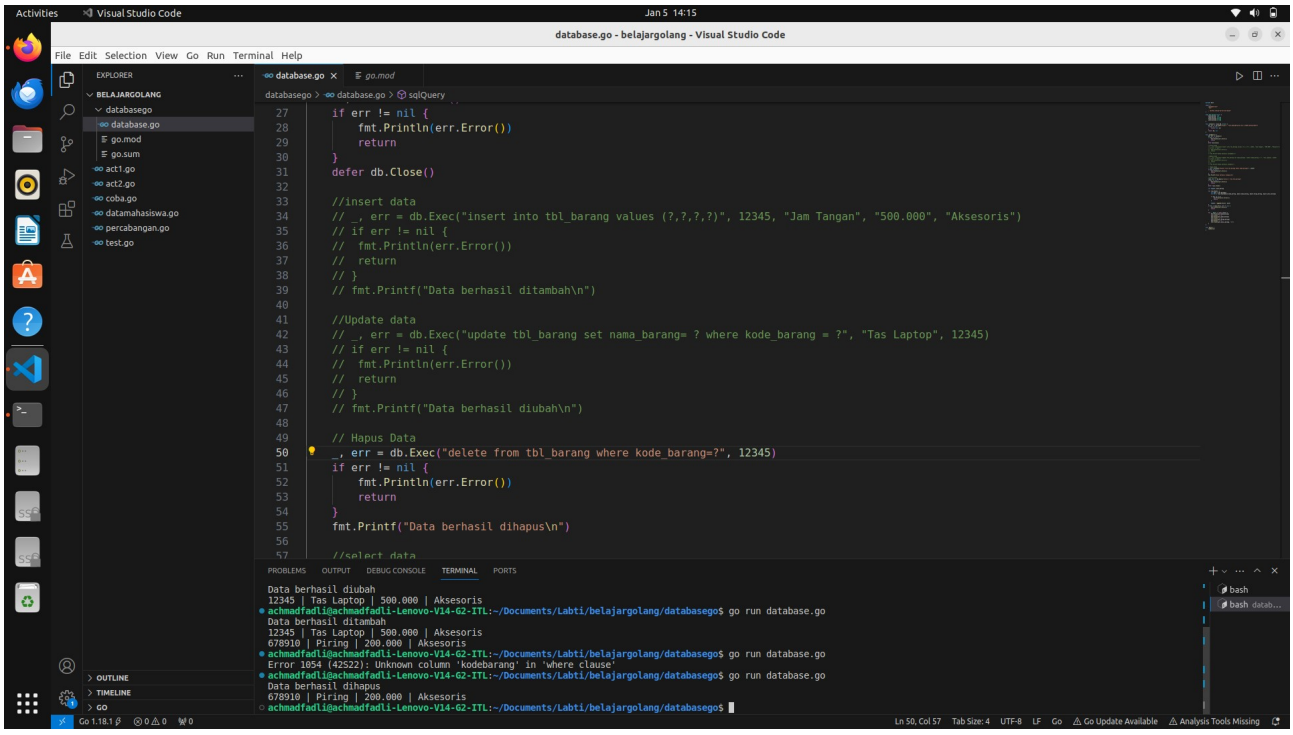

Activities
Firefox Web Browser
Jan 4 16:10
localhost/phpmyadmin/index.php?route=/server/databases&server=1
phpMyAdmin
Current server:
localhost:3306
Recent
Favorites
New
belajardbse
information_schema
mysql
performance_schema
phpmyadmin
sys
tokoonline
Server: localhost:3306 » Database: belajardbse » Table: tbl_barang
Browse
Structure
SQL
Search
Insert
Export
Import
Privileges
Operations
Tracking
Triggers
Table name: tbl_barang
Add 1 column(s) Go
Name
Type
Length/Values
Default
Collation
Attributes
Null
Index
A_I
Comments
Virtuality
Move columns
kode_barang
INT
None
PRIMARY
Pick from Central Columns
nama_barang
VARCHAR
50
harga_barang
15
jenis_barang
Structure
Table comments:
Collation:
Storage Engine:
InnoDB
PARTITION definition:
Partition by:
Expression or column list
Partitions:
Preview SQL
Save
Console

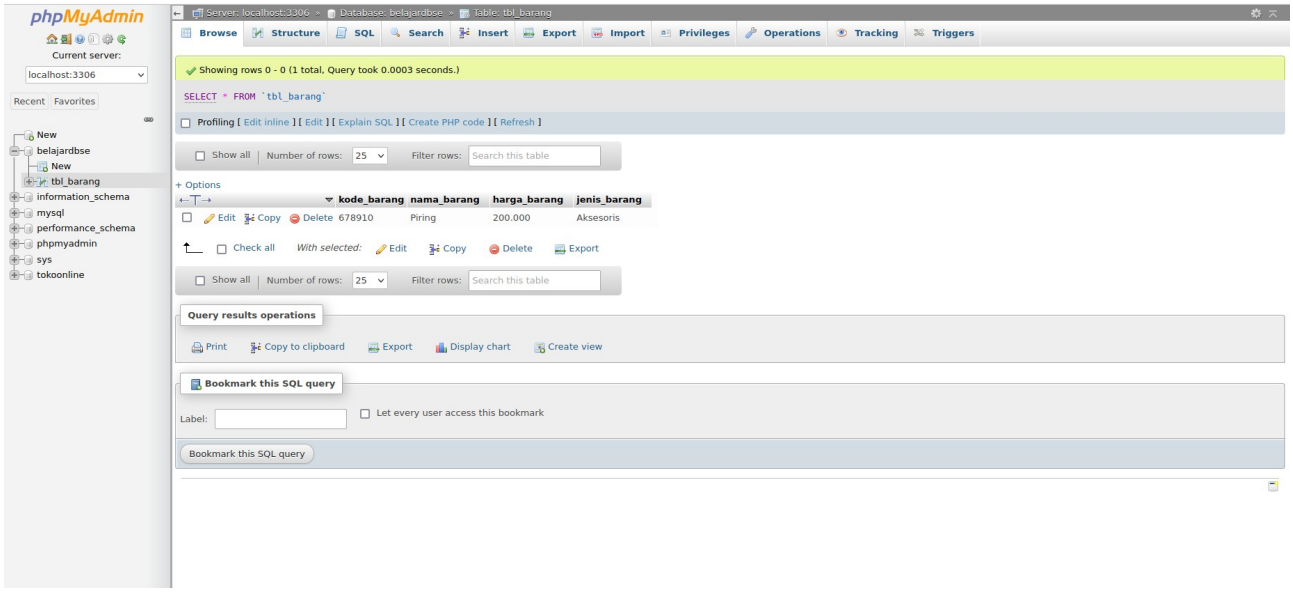
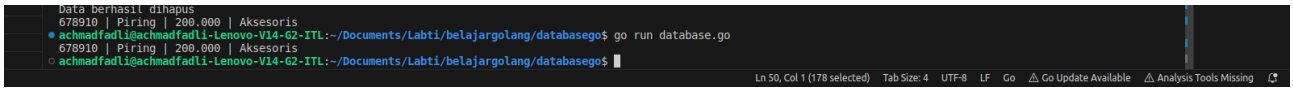

Activities
Firefox Web Browser
Jan 4 16:11
localhost/phpmyadmin/index.php?route=/table/structure&db=belajardbse&table=tbl_barang
phpMyAdmin
Current server:
localhost:3306
Recent
Favorites
New
belajardbse
New
tbl_barang
information_schema
mysql
performance_schema
phpmyadmin
sys
tokoonline
Server: localhost:3306 » Database: belajardbse » Table: tbl_barang
Browse
Structure
SQL
Search
Insert
Export
Import
Privileges
Operations
Tracking
Triggers
Table structure
Relation view
Name Type Collation Attributes Null Default Comments Extra Action
1 kode_barang int No None AUTO_INCREMENT Change Drop More
2 nama_barang varchar(50) utf8mb4_0900_ai_ci No None Change Drop More
3 harga_barang varchar(15) utf8mb4_0900_ai_ci No None Change Drop More
4 jenis_barang varchar(50) utf8mb4_0900_ai_ci No None Change Drop More
Check all
With selected:
Browse
Change
Drop
Primary
Unique
Index
Spatial
Fulltext
Add to central columns
Remove from central columns
Print
Track table
Move columns
Normalize
Add 1 column(s) after jenis_barang Go
Indexes
Action Keyname Type Unique Packed Column Cardinality Collation Null Comment
Edit Rename Drop PRIMARY BTREE Yes No kode_barang 0 A No
Create an index on 1 columns Go
Partitions
No partitioning defined!
Partition table
Information
Data 16.0 KiB
Index 0 B
Overhead 0 B
Effective 16.0 KiB
Total 16.0 KiB
Optimize table
Format dynamic
Collation utf8mb4_0900_ai_ci
Next autoindex 1
Creation Jan 04, 2024 at 04:11 PM
Last update Jan 04, 2024 at 09:11 AM
Last check Jan 04, 2024 at 09:11 AM
Space usage
Row statistics
Console


phpMyAdmin
Current server:
localhost:3306
Recent
Favorites
New
belajardbse
New
tbl_barang
information_schema
mysql
performance_schema
phpmyadmin
sys
tokoonline
Server: localhost:3306 » Database: belajardbse » Table: tbl_barang
Browse
Structure
SQL
Search
Insert
Export
Import
Privileges
Operations
Tracking
Triggers
Showing rows 0 - 0 (1 total, Query took 0.0005 seconds.)
SELECT * FROM `tbl_barang`
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
Show all
Number of rows: 25
Filter rows: Search this table
+ Options
kode_barang
nama_barang
harga_barang
jenis_barang
Edit
Copy
Delete
12345
Jam Tangan
500.000
Aksesoris
Check all
With selected:
Edit
Copy
Delete
Export
Show all
Number of rows: 25
Filter rows: Search this table
Query results operations
Print
Copy to clipboard
Export
Display chart
Create view
Bookmark this SQL query
Label:
Let every user access this bookmark
Bookmark this SQL query


Activities
Visual Studio Code
Jan 5 14:10
database.go - belajargolang - Visual Studio Code
File Edit Selection View Go Run Terminal Help
EXPLORER
BELAJARGOLANG
databasego
database.go
go.mod
go.sum
act1.go
act2.go
coba.go
datamahasiswa.go
percabangan.go
test.go
database.go
go.mod
databasego > database.go > sqlQuery
db, err := sql.Open("mysql", "root:admin@tcp(127.0.0.1:3306)/belajardbse")
if err != nil {
return nil, err
}
return db, nil
}
func sqlQuery() {
db, err := connect()
if err != nil {
fmt.Println(err.Error())
return
}
defer db.Close()
//insert data
// _, err = db.Exec("insert into tbl_barang values (?,?,?,?)", 12345, "Jam Tangan", "500.000", "Aksesoris")
// if err != nil {
// fmt.Println(err.Error())
// return
// }
// fmt.Printf("Data berhasil ditambah\n")
//Update data
_, err = db.Exec("update tbl_barang set nama_barang= ? where kode_barang = ?", "Tas Laptop", 12345)
if err != nil {
fmt.Println(err.Error())
return
}
fmt.Printf("Data berhasil diubah\n")
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
achmadfadli@achmadfadli-Lenovo-V14-G2-ITL:~/Documents/Labti/belajargolang/databasego$ go run database.go
Data berhasil ditambah
12345 | Jam Tangan | 500.000 | Aksesoris
achmadfadli@achmadfadli-Lenovo-V14-G2-ITL:~/Documents/Labti/belajargolang/databasego$ go run database.go
Error 1054 (42522): Unknown column 'npm' in 'where clause'
achmadfadli@achmadfadli-Lenovo-V14-G2-ITL:~/Documents/Labti/belajargolang/databasego$ go run database.go
Data berhasil diubah
12345 | Tas Laptop | 500.000 | Aksesoris
achmadfadli@achmadfadli-Lenovo-V14-G2-ITL:~/Documents/Labti/belajargolang/databasego$
bash
bash
OUTLINE
Manage - New Code update available.
Ln 43, Col 20
Tab Size: 4
UTF-8
LF
Go
Go Update Available
Analysis Tools Missing


phpMyAdmin
Current server:
localhost:3306
Recent Favorites
New
belajardbse
New
tbl_barang
information_schema
mysql
performance_schema
phpmyadmin
sys
tokoonline
Server: localhost:3306 » Database: belajardbse » Table: tbl_barang
Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers
Showing rows 0 - 0 (1 total, Query took 0.0002 seconds.)
SELECT * FROM `tbl_barang`
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
Show all | Number of rows: 25 Filter rows: Search this table
+ Options
kode_barang nama_barang harga_barang jenis_barang
Edit Copy Delete 12345 Tas Laptop 500.000 Aksesoris
Check all With selected: Edit Copy Delete Export
Show all | Number of rows: 25 Filter rows: Search this table
Query results operations
Print Copy to clipboard Export Display chart Create view
Bookmark this SQL query
Label:
Let every user access this bookmark
Bookmark this SQL query


Activities Visual Studio Code Jan 5 14:15
database.go - belajargolang - Visual Studio Code
File Edit Selection View Go Run Terminal Help
EXPLORER
BELAJARGOLANG
databasego
database.go
go.mod
go.sum
act1.go
act2.go
coba.go
datamahasiswa.go
percabangan.go
test.go
OUTLINE
TIMELINE
GO
database.go
go.mod
databasego > database.go > sqlQuery
if err != nil {
fmt.Println(err.Error())
return
}
defer db.Close()
//insert data
// _, err = db.Exec("insert into tbl_barang values (?,?,?,?)", 12345, "Jam Tangan", "500.000", "Aksesoris")
// if err != nil {
// fmt.Println(err.Error())
// return
// }
// fmt.Printf("Data berhasil ditambah\n")
//Update data
// _, err = db.Exec("update tbl_barang set nama_barang= ? where kode_barang = ?", "Tas Laptop", 12345)
// if err != nil {
// fmt.Println(err.Error())
// return
// }
// fmt.Printf("Data berhasil diubah\n")
// Hapus Data
_, err = db.Exec("delete from tbl_barang where kode_barang=?", 12345)
if err != nil {
fmt.Println(err.Error())
return
}
fmt.Printf("Data berhasil dihapus\n")
//select data
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Data berhasil diubah
12345 | Tas Laptop | 500.000 | Aksesoris
achmadfadli@achmadfadli-Lenovo-V14-G2-ITL:~/Documents/Labti/belajargolang/databasego$ go run database.go
Data berhasil ditambah
12345 | Tas Laptop | 500.000 | Aksesoris
678910 | Piring | 200.000 | Aksesoris
achmadfadli@achmadfadli-Lenovo-V14-G2-ITL:~/Documents/Labti/belajargolang/databasego$ go run database.go
Error 1054 (42S22): Unknown column 'kodebarang' in 'where clause'
achmadfadli@achmadfadli-Lenovo-V14-G2-ITL:~/Documents/Labti/belajargolang/databasego$ go run database.go
Data berhasil dihapus
678910 | Piring | 200.000 | Aksesoris
achmadfadli@achmadfadli-Lenovo-V14-G2-ITL:~/Documents/Labti/belajargolang/databasego$
bash
bash datab...
Go 1.18.1
Ln 50, Col 57 Tab Size: 4 UTF-8 LF Go Go Update Available Analysis Tools Missing



Note : data yang tadi berhasil dihapus,cuma sebelumnya saya sempat menambahkan datanya lagi lalu saya hapus lagi hingga datanya tersisa seperti dibawah ini