ACT



Mata Praktikum : GOLANG INTERMEDIET

Kelas : 3IA20

Praktikum ke- : 5

Tanggal : 4 November 2022

Materi : (Data Binding)

NPM : 50420900

Nama : Muhammad Reza Hidayat

Ketua Asisten :

Nama Asisten :

Paraf Asisten :

Jumlah Lembar :



LABORATORIUM TEKNIK INFORMATIKA UNIVERSITAS GUNADARMA 2022

A. LISTING PROGRAM

Database Command

```
undefined - pert5.sql

--Membuat database reza_50420900_pert5

CREATE DATABASE reza_50420900_pert5;

--menggunakan database reza_50420900_pert5
use reza_50420900_pert5;

--membuat tabel employee

CREATE TABLE employee (
   id int(6) AUTO_INCREMENT primary key,
   name varchar(30),
   city varchar(30));

--menampilkan tabel employee
select * from employee;

--menampilkan database employee
desc employee;
```

Struktur Folder

```
EXPLORER ...

OPEN EDITORS

REZA_50420900_PERT5

edit.html
form
footer.html
header.html
index.html
menu.html
menu.html
show.html
show.html
menu.html
```

edit.html

footer.html

```
reza_50420900_pert5 - footer.html

{{ define "Footer" }}

</body>

4 </html>
5 {{ end }}
6
7
```

header.html

index.html

```
reza_50420900_pert5 - index.html
1 {{ define "Index" }} {{ template "Header" }} {{ template "Menu" }}
  <h2>Registered</h2>
  border="1">
   <thead>
     ID
      Name
      City
      View
      Edit
      Delete
     </thead>
   {{ range . }}
     {{ .Id }}
      {{ .Name }}
      {{ .City }}
      <a href="/show?id={{ .Id }}">View</a>
      <a href="/edit?id={{ .Id }}">Edit</a>
      <a href="/delete?id={{ .Id }}">Delete</a>
      <
     {{ end }}
   28 
29 {{ template "Footer" }} {{ end }}
```

menu.html

new.html

show.html

```
reza_50420900_pert5 - show.html

1 {{ define "Menu" }} <a href="/">HOME</a> |
2 <a href="/new">NEW</a>
3 {{ end }}
```

```
ic Index(w http.ResponseWriter, r *http.Request) {
    db := dbConn()
    scilb, err := db.Query("SELECT * FROM employee ORDER BY Id DESC")
    if err != nil {
        pant(err.Error())
    }
}
                         panic(err.EFFor())

}
enp.Id = id
enp.Name - name
enp.City = city
res = append(res, emp)
         c Slow(w http.Responsedriter, r *http.Request) {
    dh discord)
    dh discord)
    dh discord)
    selbi, wer | checkfidt')
    selbi, wer | ic dh.Query(SEEECT * FROM employee MeERE id=1*, nId)
    if err | in ill (
        panic(err.Error()))
            panic(ern.Ernor())

emp := Employee()

emp := Employee()

ovar id int

var name, city string

err = selDB.Scan(8id, &name, &city)

if err != nil {

    panic(ern.Ernor())

}
                      pante;
}
emp.Id = id
emp.Name = name
emp.City = city
emp.City = Ckt,
}
tmpl.ExecuteTemplate(w, "Show", emp)
defer db.Close()
         New(w http.ResponseWriter, r *http.Request) {
tmpl.ExecuteTemplate(w, "New", nil)
         c Edit(w http.Responsewriter, r "http.Request) {
db := db.Conn()
nd := r.UML, Query(), Get("id")
solDB, err := db.Query("SELECT * FROM employee WHERE id=?", nId)
if err != nil {
panic(err.Error())
            pant(err.tror())

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for sclok.ext()

var du fut

var name, city string

err schol.scan(did, finame, ficity)

if err = null {

pant(err.tror())

emp. dd = id

emp. tame = name

emp. tame = name

emp. city = city

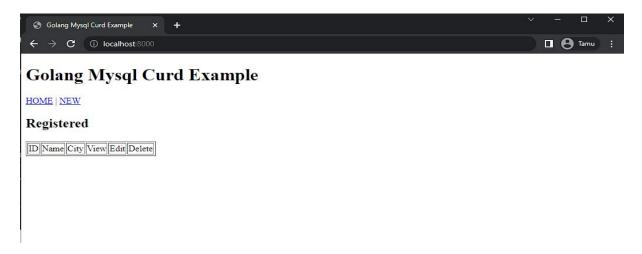
}
         panic(er.Eroc(y)
)
InsForm.Exec(name, city)
log.Println("INSERT: Name: " + name + " | City: " + city)
         c Update(w http.Response/riter, r "http.Request) (
db := ddorm()
if nnetted = "Poss" {
    nam := r.forwize(arthum) {
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                         }
insform.Exec(name, city, id)
insform.Exec(name, city, id)
log.Println("UPDATE: Name: " + name + " | City: " + city)
         c Delete(w http.ResponseWriter, r "http.Request) {
ds := ds.Count)
en := .FML (berry().det("is")
delfors, err := ds.Prepare("DELETE FROM employee MHERE id=?")
if err != il {
panc(err.Eror())
   panic(er*.tron())
}
delform.Exec(emp)
log.Printn("DELETE")
defer db.Close()
http.Redirect(w, r, "/", 301)
   I jangam lupa untuk mengulah port sesual dengan port yang or sesio() (I infosever stanted on http://localhest/8000°) latu, henolatence(?, local) latu, henolatence(., local) latu, henolatence(.) latu, henolatence(
```

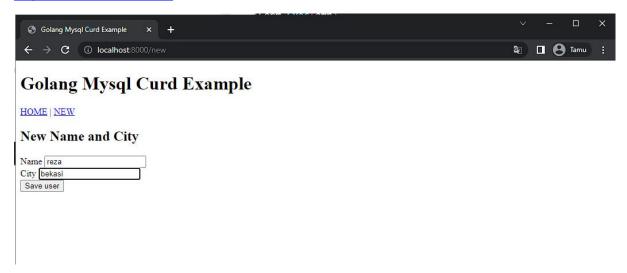
B. OUPUT PROGRAM

```
undefined - pert5.sql
Setting environment for using XAMPP for Windows.
R@DESKTOP-Q3HDCLA c:\xampp
# mysql -u root -p
Enter password:
Welcome to the MariaDB monitor. Commands end with; or \g.
Your MariaDB connection id is 10
Server version: 10.4.25-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)]> CREATE DATABASE reza_50420900_pert5;
Query OK, 1 row affected (0.001 sec)
MariaDB [reza_50420900_pert5]> CREATE TABLE employee (
          id int(6) AUTO_INCREMENT primary key,
          name varchar(30),
         city varchar(30));
Query OK, 0 rows affected (0.020 sec)
MariaDB [reza_50420900_pert5]> desc employee;
| Field | Type
                  | Null | Key | Default | Extra
                   NO
l id
        int(6)
                            | PRI | NULL
                                            | auto_increment |
                                  NULL
name | varchar(30) | YES
city | varchar(30) | YES |
                                  NULL
3 rows in set (0.009 sec)
```

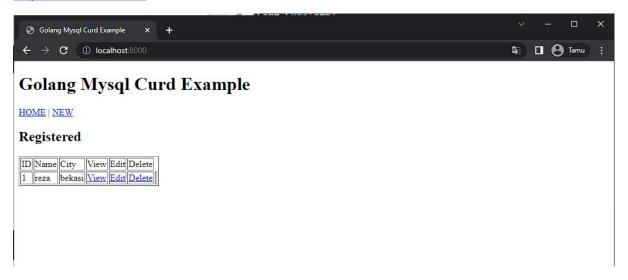
http://localhost:8000/



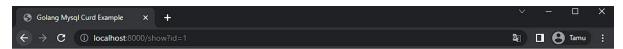
http://localhost:8000/new



http://localhost:8000/



http://localhost:8000/show?id=1



Golang Mysql Curd Example

HOME | NEW

Register 1

Name: reza City: bekasi

Edit

http://localhost:8000/edit?id=1



main.go

