day7

November 21, 2023

it's time for setting things up……

```go
import (
    "fmt"
    "database/sql"
    _"github.com/go-sql-driver/mysql"
)
```

after importing, do the testing first……

```go
type Info struct{
        Name string
        ID int
}
```

```go
func initdb(username, pass, host, port, db_name string) *sql.DB{
        db,_:= sql.Open("mysql",fmt.Sprintf("%v:%v@tcp(%v:%v)/%v",username,
    ↪pass,host,port,db_name))
        return db
}
```

```go
%%
db:= initdb("root","0x113c1c3","mysql","3306","testing")
if db==nil{
        fmt.Println("Error")
        os.Exit(1)
} else {
        fmt.Println("Done")
}
```

```
Done
```

```go
%%
db:= initdb("root","0x113c1c3","mysql","3306","testing")
if db==nil{
        fmt.Println("Error")
        os.Exit(1)
} else {
        fmt.Println("Done")
```

```go
}
defer db.Close()
rows, err := db.Query("SELECT * FROM student_info")
if err!=nil{
        fmt.Println("Query problem.....")
        return
}
defer rows.Close()
for rows.Next() {
                var student Info
                rows.Scan(&student.ID, &student.Name)
                fmt.Println(student)
}
return
```

```
Done
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```

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```

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