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NIM: 1301164322 Pemrograman Jaringan

1. Diagram TCP Finite State Machine memperlihatkan proses terjadinya Three-way Handshake ketika client dan server melakukan pembuatan moneksi TCP.

No 2.

a. Melakukan perulangan sesuai dengan nilai yang telah ditentukan

b. Perbandingan yang dilakukan sesuai nilai yang telah ditentukan

No 3.

a.

b.

```
g tugas1.go
               g tugas2.go
                              🖁 tugas3.go
                                              g tugas4
g tugas4.go > {} main > plusPlus
      func plus(a int, b int) int {
       func plusPlus(a, b, c int) int {
      func main() {
          res := plus(1, 2)
           fmt.Println("1+2 =", res)
           res = plusPlus(1, 2, 3)
           fmt.Println("1+2+3 =", res)
PROBLEMS (3) OUTPUT DEBUG CONSOLE TERMINAL
[nandasaf@localhost Documents]$ go run tugas4.go
1+2 = 3
1+2+3 = 6
[nandasaf@localhost Documents]\$ []
```

No. 4

a. Terdapat tipe data name dan age yang di assign untuk memberikan nilai parameter tipe data tersebut

```
g tugas3.go
                                                g tugas4.go
                                                                 🍟 tugas5.go 🛛
tugas5.go > {}main > ⊕main
name string
           age int
 10 v func main() {
           fmt.Println(person{"Bob", 20})
           fmt.Println(person{name: "Fred"})
           fmt.Println(&person{name: "Ann", age: 40})
           s := person{name: "Sean", age: 50}
           fmt.Println(s.name)
           sp := &s
           fmt.Println(sp.age)
           sp.age = 51
fmt.Println(sp.age)
PROBLEMS 4 OUTPUT DEBUG CONSOLE TERMINAL
[nandasaf@localhost Documents]$ go run tugas5.go
{Bob 20}
{Alice 30}
{Fred 0}
&{Ann 40}
Sean
[nandasaf@localhost Documents]$ [
```

b. Metode yang digunakan ketika struct sudah diinisialisasi pada variabel

No 5.

a.

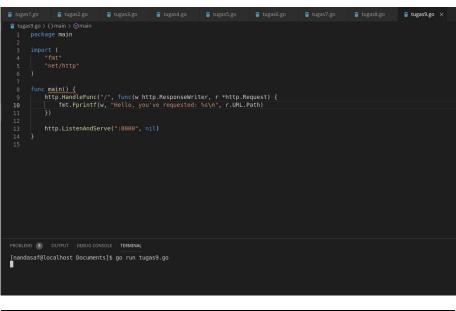
b.

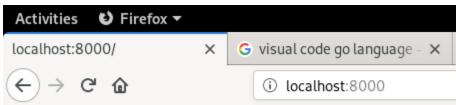
```
🖁 tugas8.go 🗵
                                                                                                                                                                                                                                                            🔋 tugas8.go 🗴 🧣 tugas9.go

    tugas8.go > {} main > 分main

                  numbPtr := flag.Int("numb", 42, "an int")
boolPtr := flag.Bool("fork", false, "a bool")
                  var svar string
flag.StringVar(&svar, "svar", "bar", "a string var")
                                                                                                                                                                              wordPtr := flag.String("word", "foo", "a string")
                 fmt.Println("word:", "wordPtr)
fmt.Println("numb:", "numbPtr)
fmt.Println("fork:", "boolPtr)
fmt.Println("svar:", svar)
fmt.Println("tail:", flag.Args())
                                                                                                                                                                              numbPtr := flag.Int("numb", 42, "an int")
boolPtr := flag.Bool("fork", false, "a bool")
                                                                                                                                                                              var svar string
flag.StringVar(&svar, "svar", "bar", "a string var")
                                                                                                                                                                               fmt.Println("word:", *wordPtr)
fmt.Println("numb:", *numbPtr)
fmt.Println("fork:", *boo!Ptr)
fmt.Println("svar:", svar)
fmt.Println("tail:", flag.Args())
                                                                                                                                                                                                                                                   8: bash
[nandasaf@localhost Documents]$ go run tugas8.go
[nandasaf@localhost Documents]$ go
word: foo
numb: 42
fork: false
svar: bar
tail: []
[nandasaf@localhost Documents]$ [
                                                                                                                                                            [nandasaf@localhost Documents]$ go run tugas8.go -word=nanda -numb=10 -svar=a b c d
                                                                                                                                                            word: nanda
numb: 10
fork: false
                                                                                                                                                             Tork. Rainer svar: a
tail: [b c d]
[nandasaf@localhost Documents]$ ■
```

No 6. Server menjalankan program sementara client menunggu request pesan dari server





Hello, you've requested: /