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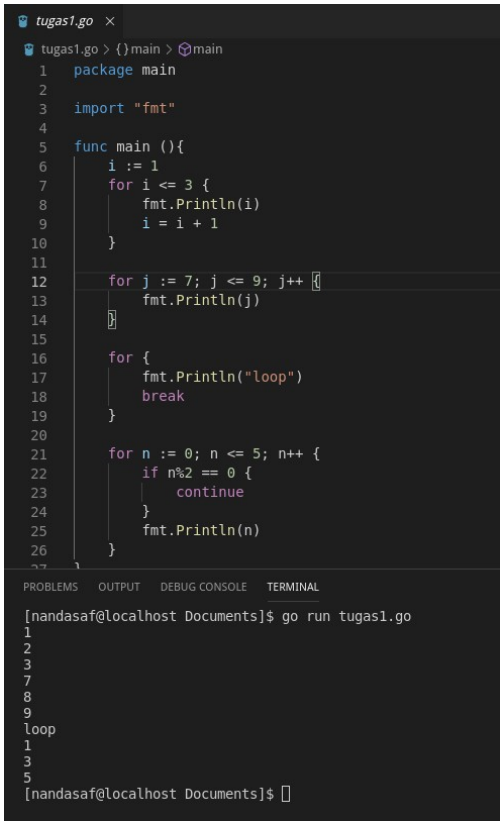
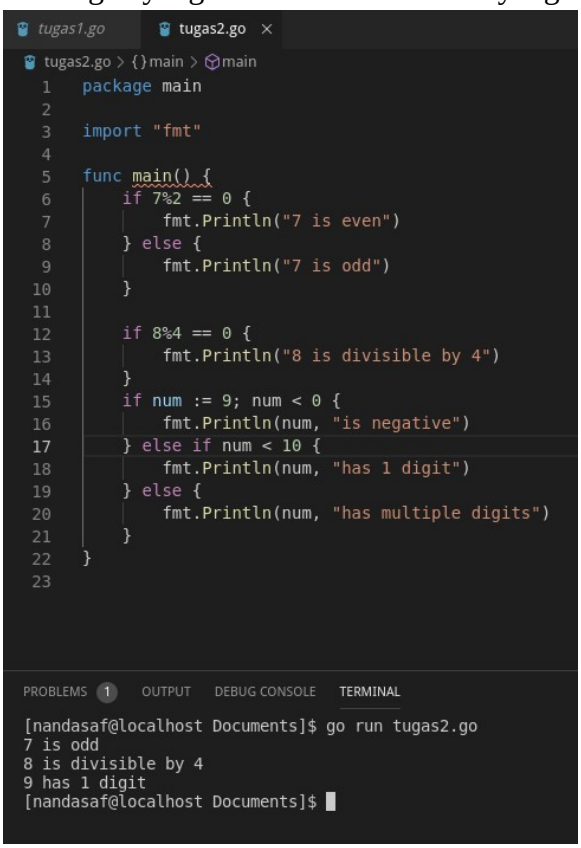
Pemrograman Jaringan

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



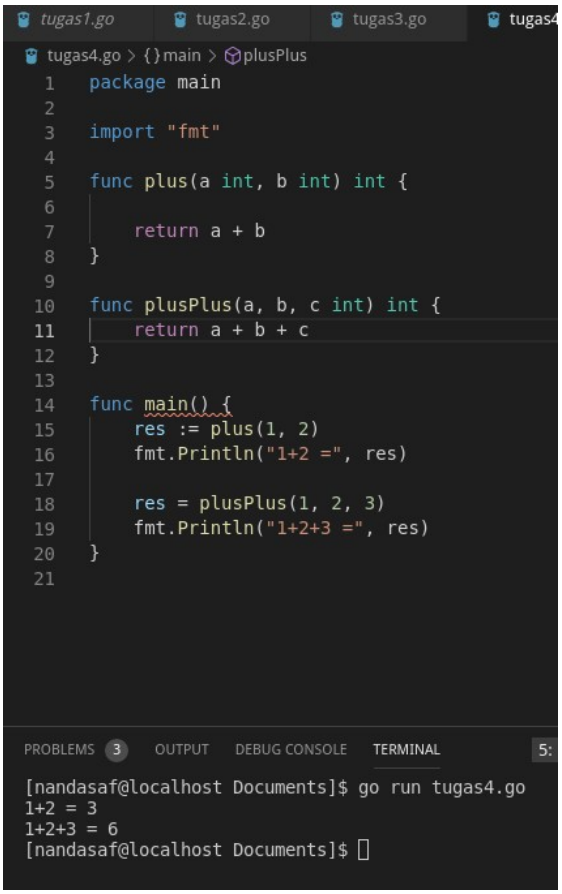
b. Perbandingan yang dilakukan sesuai nilai yang telah ditentukan



No 3.

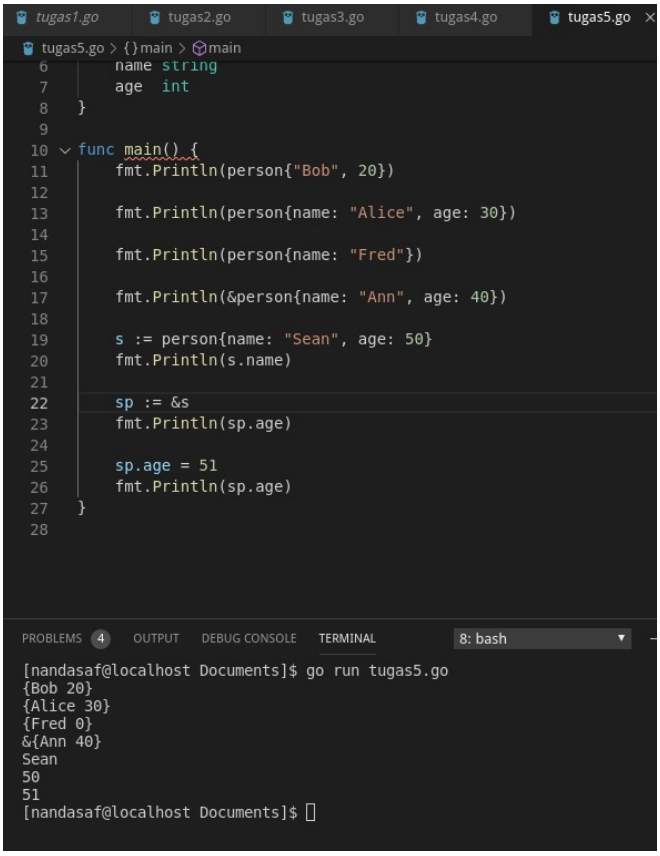
a.

b.

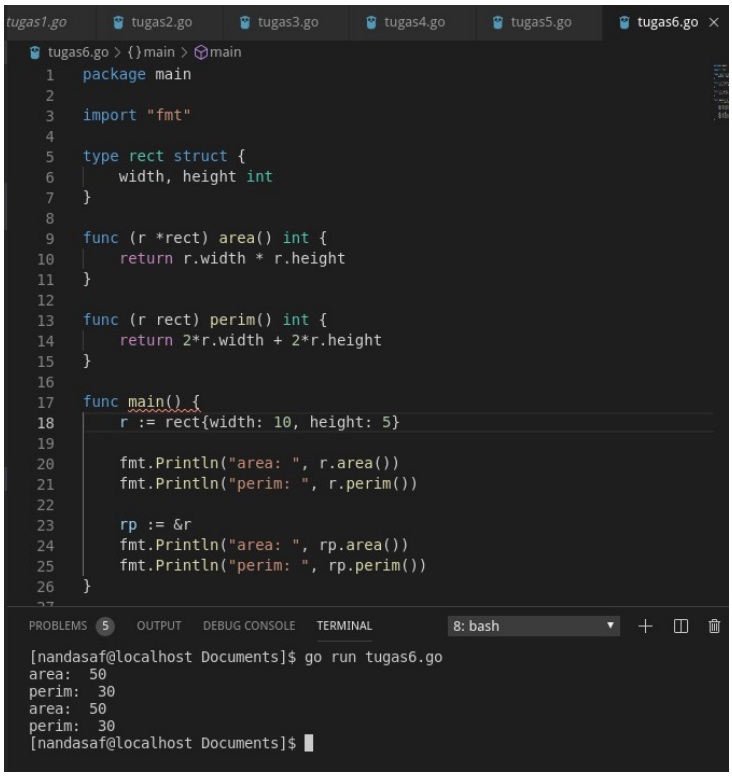


No. 4

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

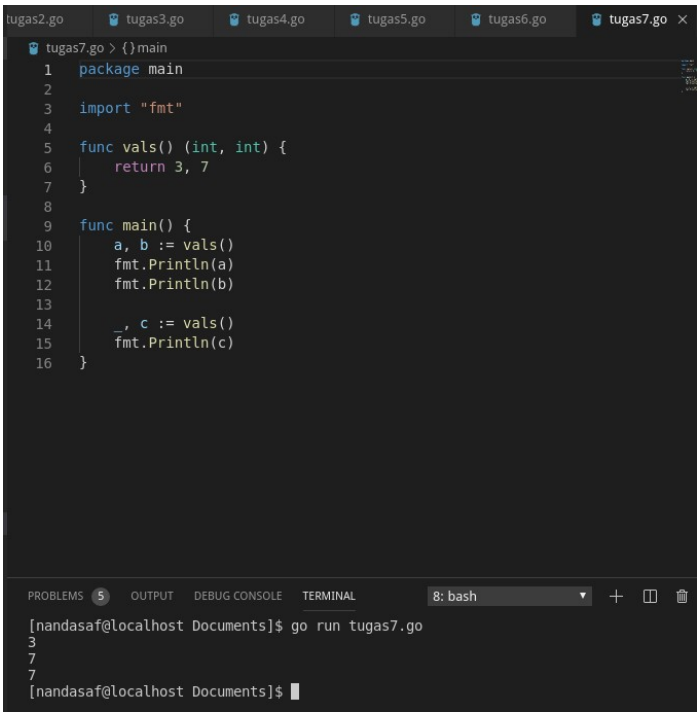


b. Metode yang digunakan ketika struct sudah diinisialisasi pada variabel

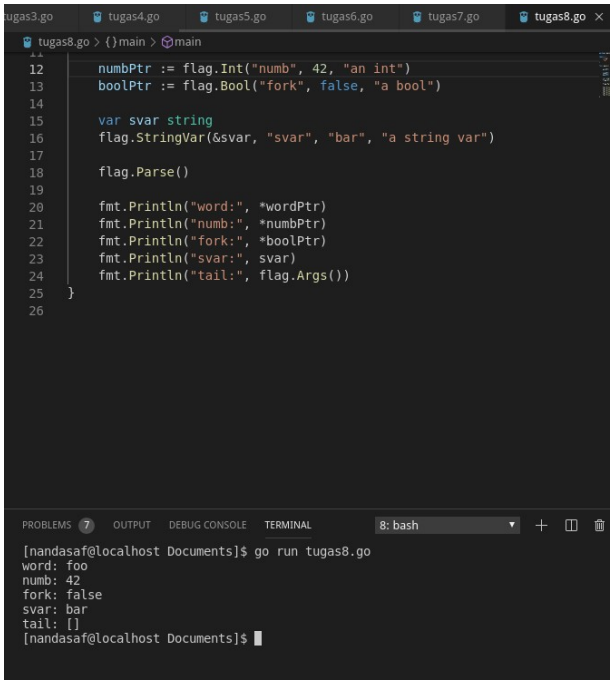


No 5.

a.

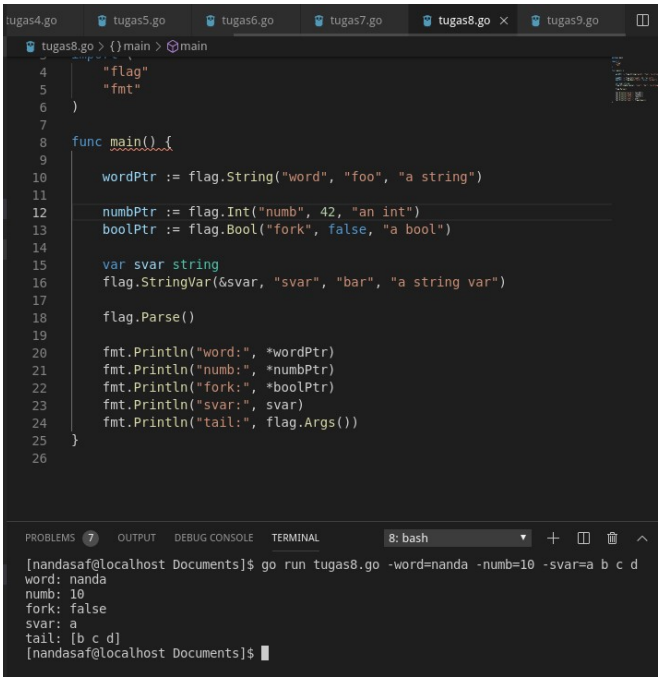


b.



```
    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")

    flag.Parse()

    fmt.Println("word:", *wordPtr)
    fmt.Println("numb:", *numbPtr)
    fmt.Println("fork:", *boolPtr)
    fmt.Println("svar:", svar)
    fmt.Println("tail:", flag.Args())
}
```

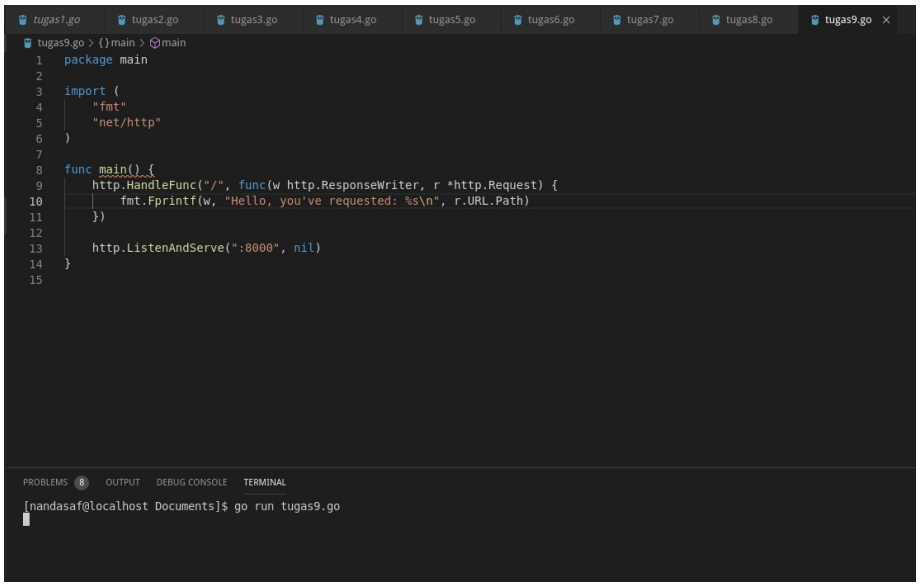
```
[nandasaf@localhost Documents]$ go run tugas8.go
word: foo
numb: 42
fork: false
svar: bar
tail: []
[nandasaf@localhost Documents]$
```



```
    "flag"
    "fmt"
)

func main() {

    wordPtr := flag.String("word", "foo", "a string")

    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")

    flag.Parse()

    fmt.Println("word:", *wordPtr)
    fmt.Println("numb:", *numbPtr)
    fmt.Println("fork:", *boolPtr)
    fmt.Println("svar:", svar)
    fmt.Println("tail:", flag.Args())
}
```

```
[nandasaf@localhost Documents]$ go run tugas8.go -word=nanda -numb=10 -svar=a b c d
word: nanda
numb: 10
fork: false
svar: a
tail: [b c d]
[nandasaf@localhost Documents]$
```

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



```
package main

import (
    "fmt"
    "net/http"
)

func main() {
    http.HandleFunc("/", func(w http.ResponseWriter, r *http.Request) {
        fmt.Fprintf(w, "Hello, you've requested: %s\n", r.URL.Path)
    })

    http.ListenAndServe(":8000", nil)
}
```

```
[nandasaf@localhost Documents]$ go run tugas9.go
```