

LAPORAN PRAKTIKUM
PEMROGRAMAN BERBASIS WEB
LATIHAN 04

Untuk Memenuhi Tugas Praktikum Pemrograman Berbasis Web



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Disusun oleh:

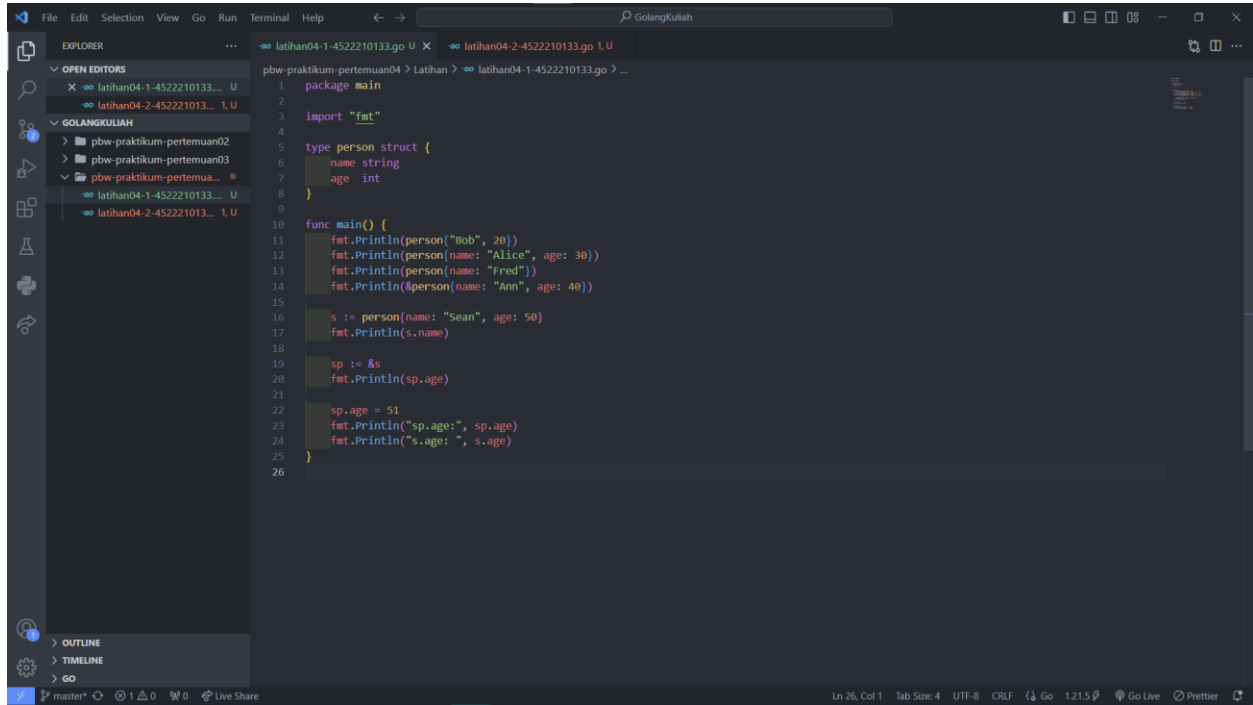
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Link Github: <https://github.com/hotraa/PBW/>

Latihan 1

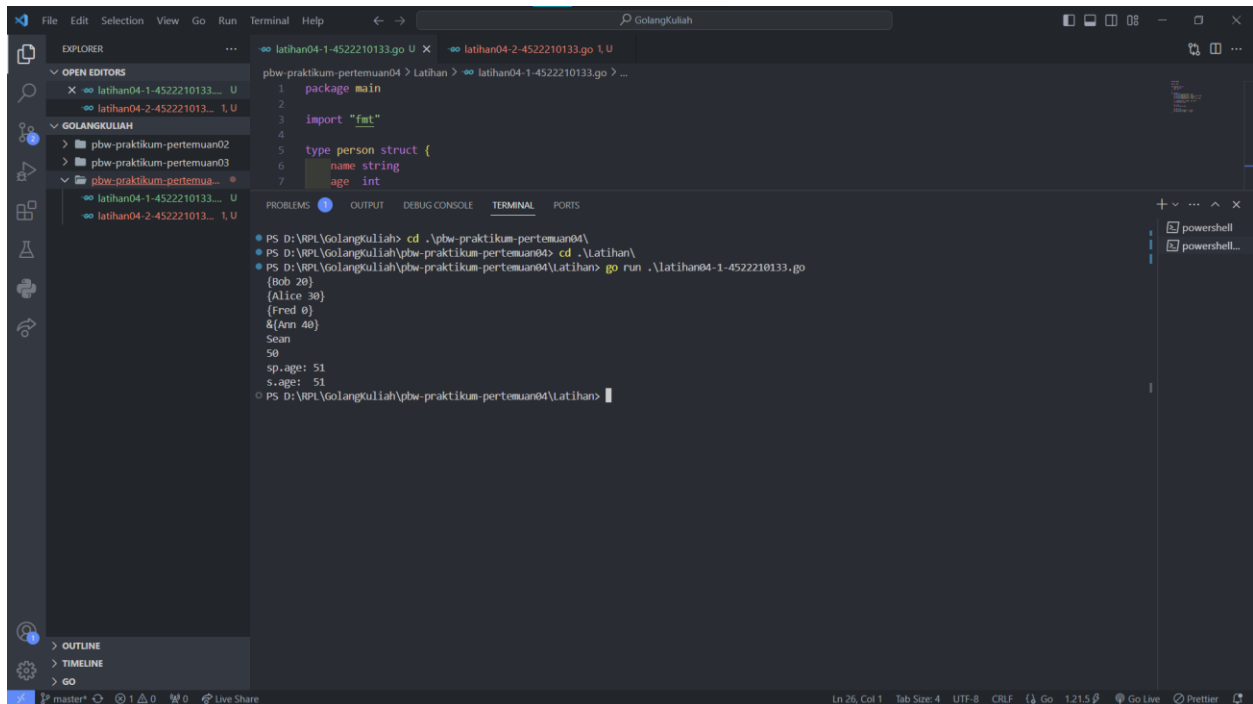
Screenshot Source Code



The screenshot shows the Visual Studio Code editor with a Go file named `latihan04-1-4522210133.go` open. The code is as follows:

```
1 package main
2
3 import "fmt"
4
5 type person struct {
6     name string
7     age  int
8 }
9
10 func main() {
11     fmt.Println(person{"Bob", 20})
12     fmt.Println(person{name: "Alice", age: 30})
13     fmt.Println(person{name: "Fred"})
14     fmt.Println(&person{name: "Ann", age: 40})
15
16     s := person{name: "Sean", age: 50}
17     fmt.Println(s.name)
18
19     sp := &s
20     fmt.Println(sp.age)
21
22     sp.age = 51
23     fmt.Println("sp.age:", sp.age)
24     fmt.Println("s.age:", s.age)
25 }
26
```

Screenshot Output

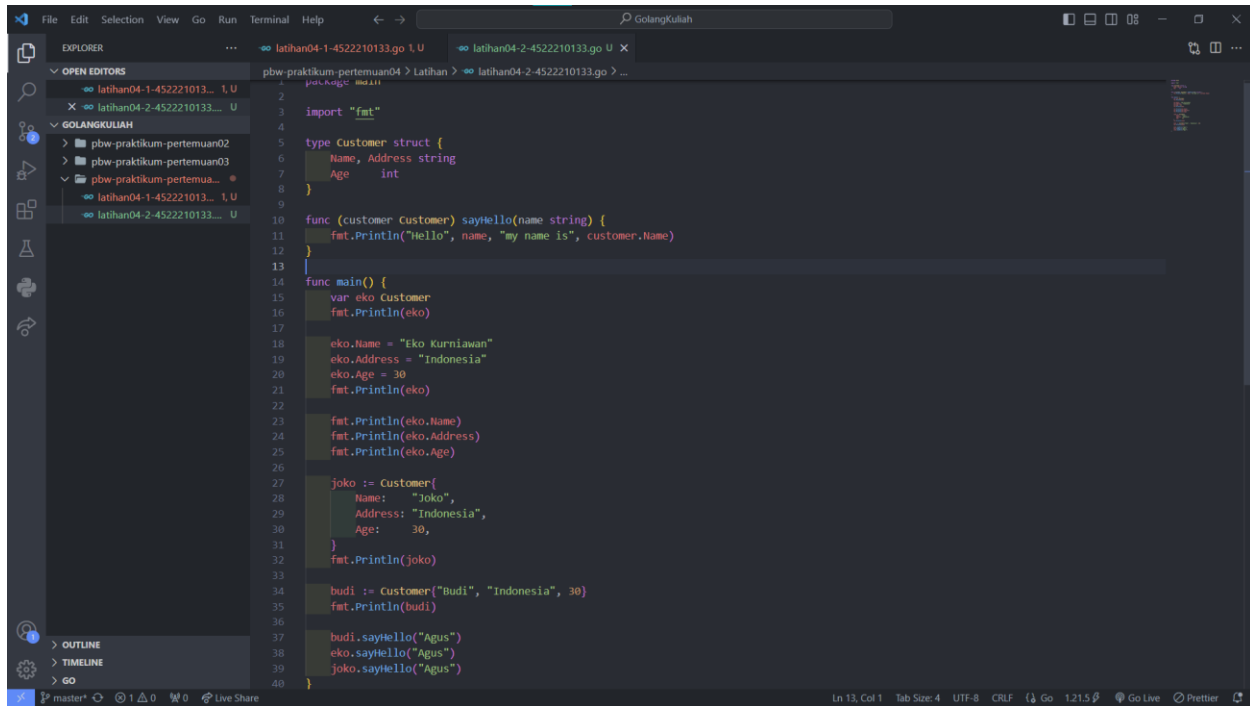


The screenshot shows the Visual Studio Code editor with the same Go file open. The output of the program is displayed in the terminal window at the bottom:

```
PS D:\VPL\Golangkulia> cd .\pbw-praktikum-pertemuan04\
PS D:\VPL\Golangkulia\pbw-praktikum-pertemuan04> cd .\latihan\
PS D:\VPL\Golangkulia\pbw-praktikum-pertemuan04\latihan> go run .\latihan04-1-4522210133.go
{Bob 20}
{Alice 30}
{Fred 0}
&{Ann 40}
Sean
50
sp.age: 51
s.age: 51
PS D:\VPL\Golangkulia\pbw-praktikum-pertemuan04\latihan>
```

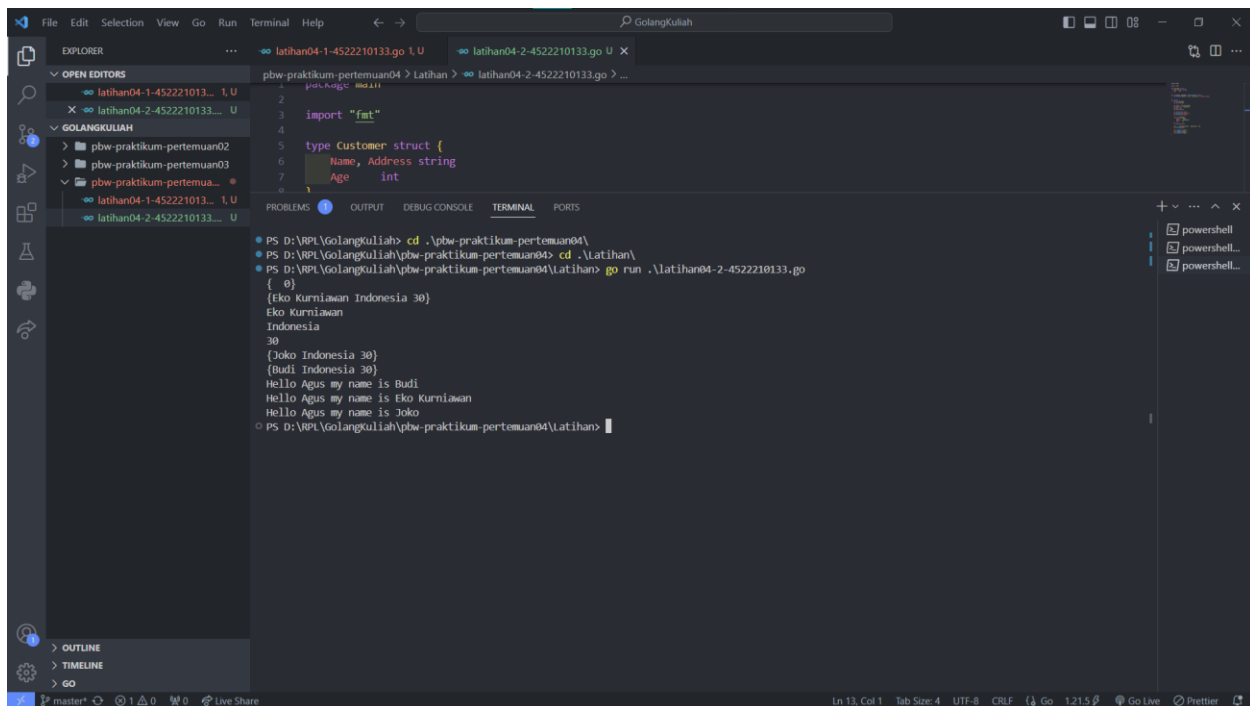
Latihan 2

Screenshot Source Code



```
1 package main
2
3 import "fmt"
4
5 type Customer struct {
6     Name, Address string
7     Age           int
8 }
9
10 func (customer Customer) sayHello(name string) {
11     fmt.Println("Hello", name, "my name is", customer.Name)
12 }
13
14 func main() {
15     var eko Customer
16     fmt.Println(eko)
17
18     eko.Name = "Eko Kurniawan"
19     eko.Address = "Indonesia"
20     eko.Age = 30
21     fmt.Println(eko)
22
23     fmt.Println(eko.Name)
24     fmt.Println(eko.Address)
25     fmt.Println(eko.Age)
26
27     joko := Customer{
28         Name: "Joko",
29         Address: "Indonesia",
30         Age: 30,
31     }
32     fmt.Println(joko)
33
34     budi := Customer("Budi", "Indonesia", 30)
35     fmt.Println(budi)
36
37     budi.sayHello("Agus")
38     eko.sayHello("Agus")
39     joko.sayHello("Agus")
40 }
```

Screenshot Output



```
PS D:\VRPL\Golangkuliah> cd .\pbw-praktikum-pertemuan04\
PS D:\VRPL\Golangkuliah\pbw-praktikum-pertemuan04> cd .\Latihan\
PS D:\VRPL\Golangkuliah\pbw-praktikum-pertemuan04\Latihan> go run .\latihan04-2-4522210133.go
{ }
(Eko Kurniawan Indonesia 30)
Eko Kurniawan
Indonesia
30
{Joko Indonesia 30}
{Budi Indonesia 30}
Hello Agus my name is Budi
Hello Agus my name is Eko Kurniawan
Hello Agus my name is Joko
PS D:\VRPL\Golangkuliah\pbw-praktikum-pertemuan04\Latihan>
```