

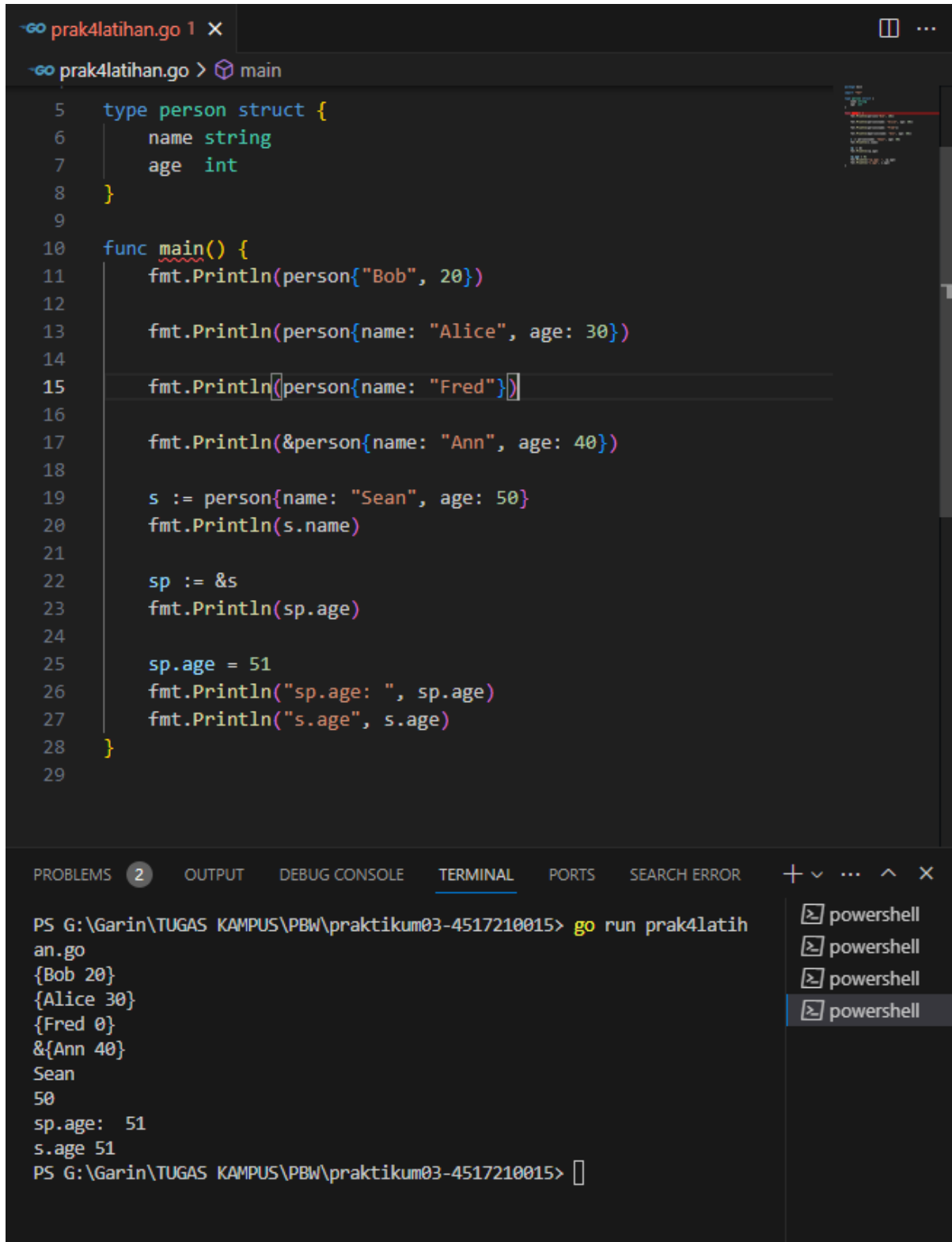
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PRAKTIKUM 4 LATIHAN

Latihan 1



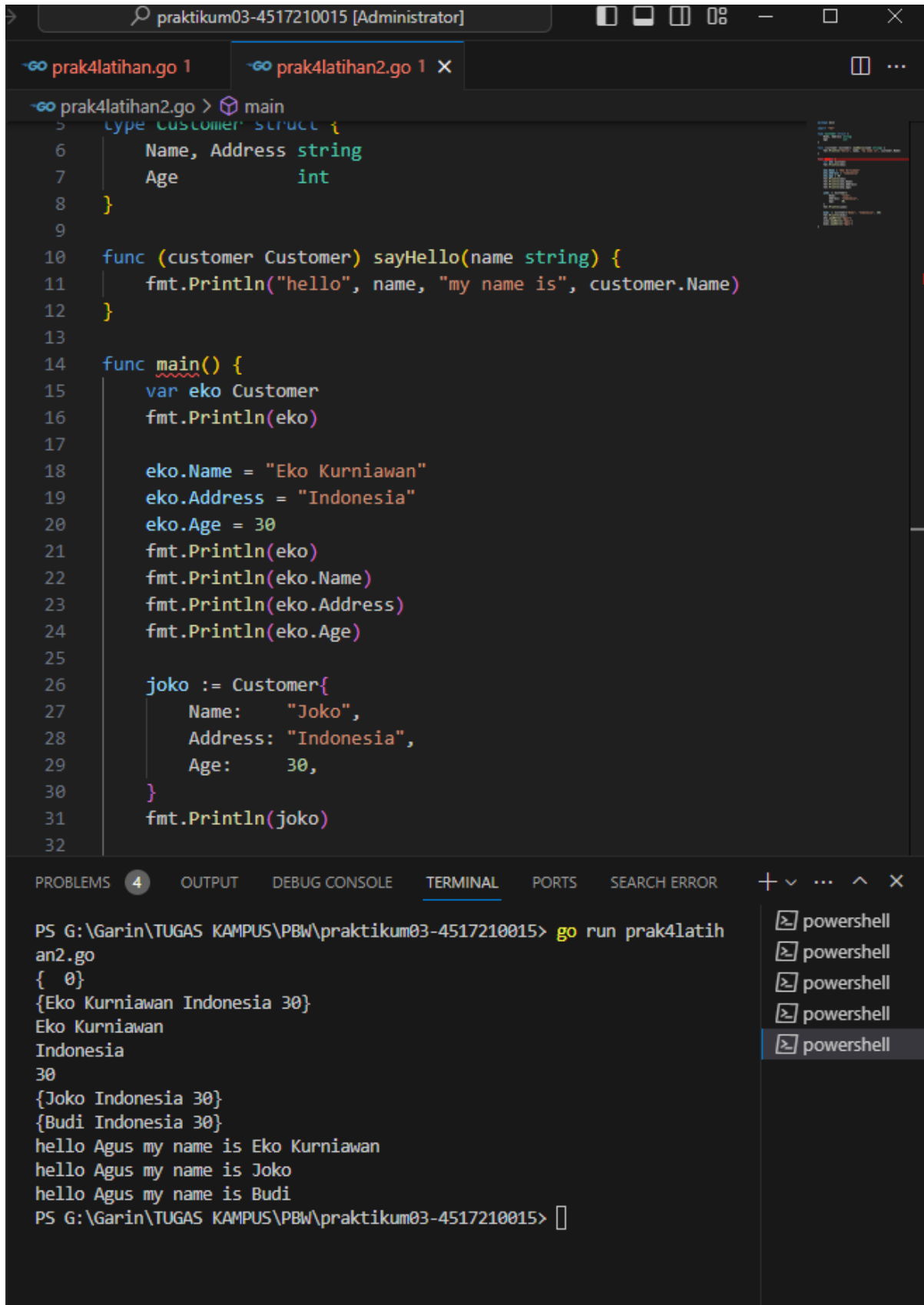
The screenshot shows a Go IDE with a file named `prak4latihan.go` open. The code defines a `person` struct and a `main` function. The `main` function prints several `person` structs and updates the age of a pointer to a `person` struct.

```
5  type person struct {
6      name string
7      age  int
8  }
9
10 func main() {
11     fmt.Println(person{"Bob", 20})
12
13     fmt.Println(person{name: "Alice", age: 30})
14
15     fmt.Println(person{name: "Fred"})
16
17     fmt.Println(&person{name: "Ann", age: 40})
18
19     s := person{name: "Sean", age: 50}
20     fmt.Println(s.name)
21
22     sp := &s
23     fmt.Println(sp.age)
24
25     sp.age = 51
26     fmt.Println("sp.age: ", sp.age)
27     fmt.Println("s.age", s.age)
28 }
29
```

The output of the program is shown in the terminal:

```
PS G:\Garin\TUGAS KAMPUS\PBW\praktikum03-4517210015> go run prak4latihan.go
{Bob 20}
{Alice 30}
{Fred 0}
&{Ann 40}
Sean
50
sp.age:  51
s.age 51
PS G:\Garin\TUGAS KAMPUS\PBW\praktikum03-4517210015>
```

Latihan 2



The screenshot shows a Go IDE window titled "praktikum03-4517210015 [Administrator]". It has two tabs: "prak4latihan.go 1" and "prak4latihan2.go 1 X". The active tab is "prak4latihan2.go", which contains the following Go code:

```
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     fmt.Println(eko.Name)
23     fmt.Println(eko.Address)
24     fmt.Println(eko.Age)
25
26     joko := Customer{
27         Name:    "Joko",
28         Address: "Indonesia",
29         Age:     30,
30     }
31     fmt.Println(joko)
32 }
```

The bottom panel shows the "TERMINAL" output:

```
PS G:\Garin\TUGAS KAMPUS\PBW\praktikum03-4517210015> go run prak4latihan2.go
{ 0}
{Eko Kurniawan Indonesia 30}
Eko Kurniawan
Indonesia
30
{Joko Indonesia 30}
{Budi Indonesia 30}
hello Agus my name is Eko Kurniawan
hello Agus my name is Joko
hello Agus my name is Budi
PS G:\Garin\TUGAS KAMPUS\PBW\praktikum03-4517210015>
```

On the right side of the terminal, there is a list of five "powershell" icons, with the bottom one selected.

GitHub : <https://github.com/Hanggario/pbw-praktikum-pertemuan04>