

**LAPORAN PRAKTIKUM**  
**PEMROGRAMAN BERBASIS WEB**  
**LATIHAN 05**

Untuk Memenuhi Latihan Praktikum Pemrograman Berbasis Web



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Disusun oleh:

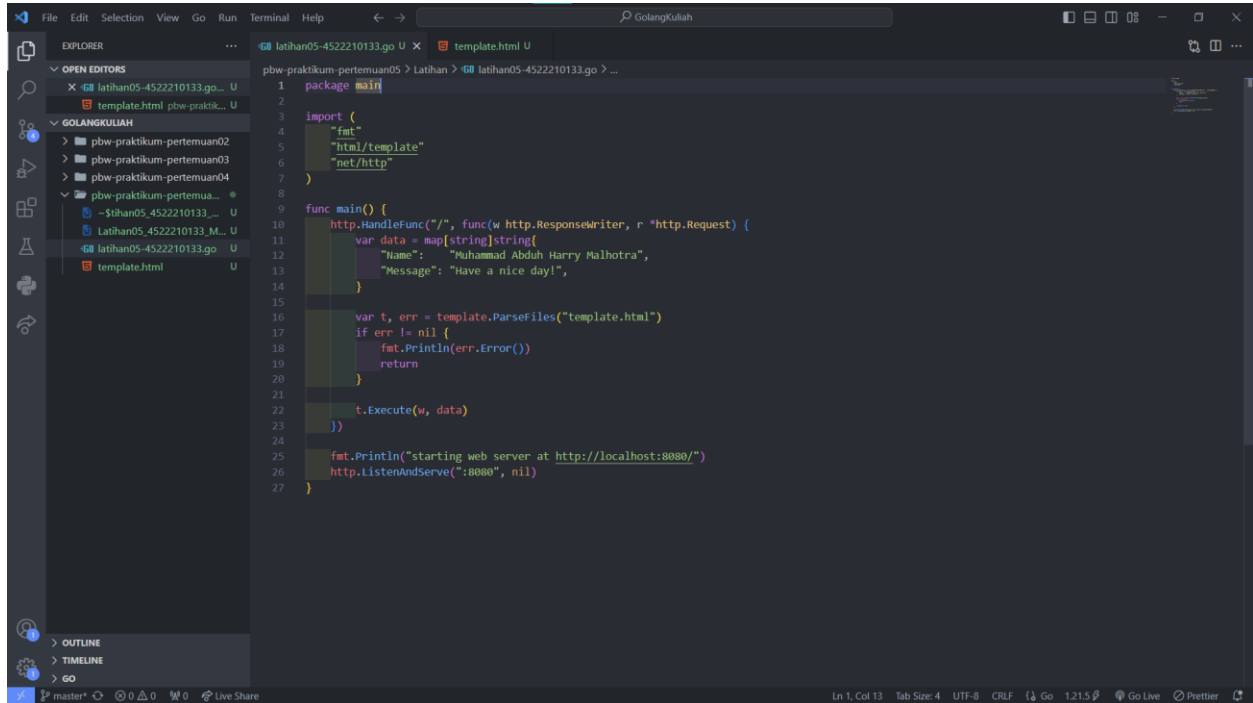
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**PROGRAM STUDI TEKNIK INFORMATIKA**  
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**JAKARTA SELATAN**  
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Link Github: <https://github.com/hotraa/PBW/>

## Latihan Web Server

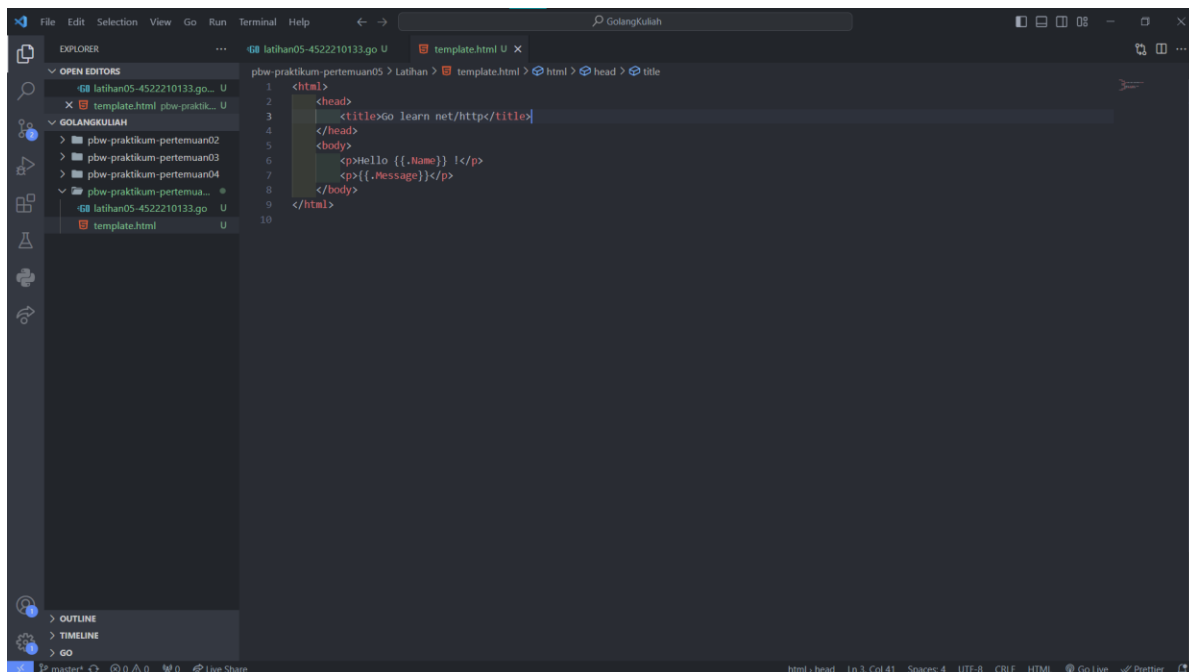
Screenshot Source Code: *latihan05-4522210133.go*



The screenshot shows the Visual Studio Code editor with the file `latihan05-4522210133.go` open. The Explorer sidebar on the left shows a project structure with folders `pbw-praktikum-pertemuan02` through `04`, and files `latihan05-4522210133.go` and `template.html`. The main editor area displays the Go code for a web server using the `net/http` and `html/template` packages. The code defines a `main` function that sets up a handler, parses the template, and starts a server on `localhost:8080`.

```
1 package main
2
3 import (
4     "fmt"
5     "html/template"
6     "net/http"
7 )
8
9 func main() {
10     http.HandleFunc("/", func(w http.ResponseWriter, r *http.Request) {
11         var data = map[string]string{
12             "Name": "Muhammad Abduh Harry Malhotra",
13             "Message": "Have a nice day!",
14         }
15
16         var t, err = template.ParseFiles("template.html")
17         if err != nil {
18             fmt.Println(err.Error())
19             return
20         }
21
22         t.Execute(w, data)
23     })
24
25     fmt.Println("starting web server at http://localhost:8080/")
26     http.ListenAndServe(":8080", nil)
27 }
```

Screenshot Source Code: *template.html*



The screenshot shows the Visual Studio Code editor with the file `template.html` open. The Explorer sidebar on the left is the same as the previous screenshot. The main editor area displays the HTML template code, which includes a `<title>` tag and two `<p>` tags that use Go templating syntax to display the `Name` and `Message` variables from the data map.

```
1 <html>
2 <head>
3 <title>Go learn net/http</title>
4 </head>
5 <body>
6 <p>Hello {{.Name}} !</p>
7 <p>{{.Message}}</p>
8 </body>
9 </html>
10
```

## Screenshot Output

