

TUGAS LEPKOM

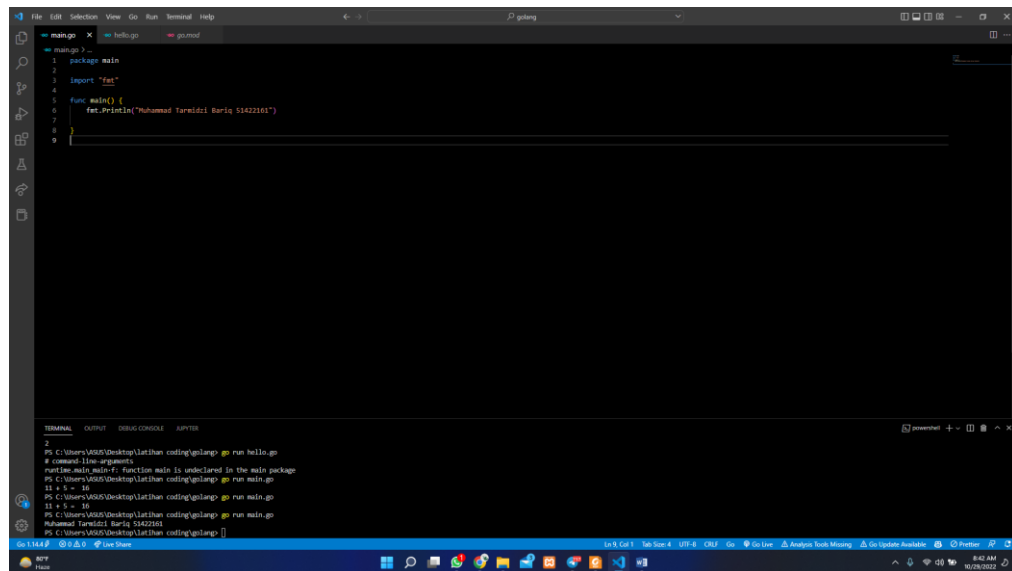
MINGGU 2

Nama : Muhammad Tarmidzi Bariq

Kelas : 1IA13

NPM : 51422161

1.

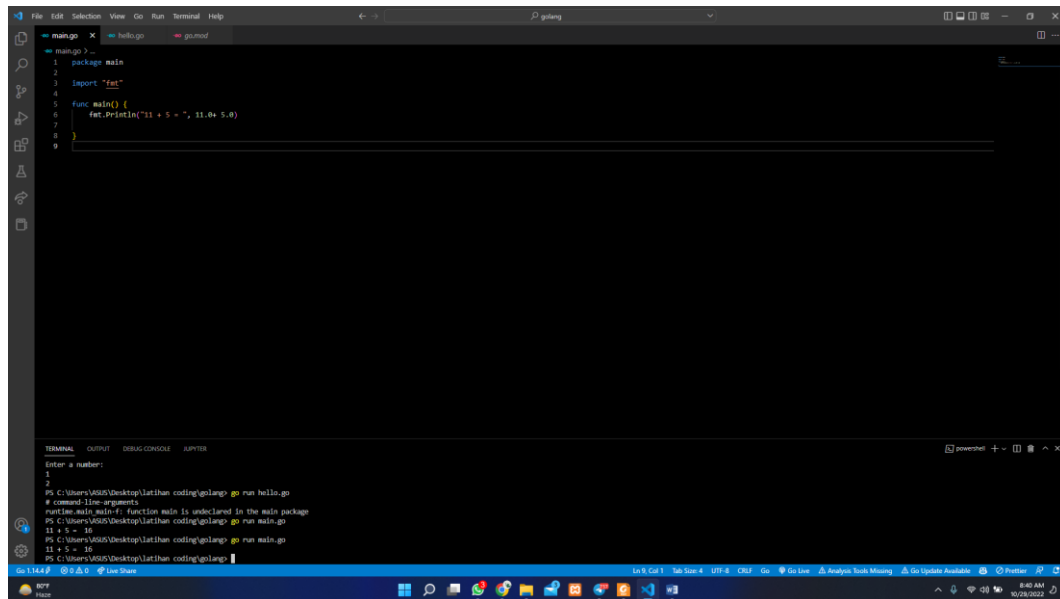


The screenshot shows a Visual Studio Code editor window with a Go file named `hello.go`. The code defines a package `main`, imports the `fmt` package, and contains a `main` function that prints the string `"Muhammad Tarmidzi Bariq 51422161"`. Below the editor, the integrated terminal shows the command `go run hello.go` being executed, which results in the same string being printed to the console.

```
1 package main
2
3 import "fmt"
4
5 func main() {
6     fmt.Println("Muhammad Tarmidzi Bariq 51422161")
7 }
8
9
```

```
2
PS C:\Users\VA05\Desktop\latihan coding\go\go> go run hello.go
# command-line argument
runtime.main_main-f: function main is undeclared in the main package
PS C:\Users\VA05\Desktop\latihan coding\go\go> go run main.go
11 + 5 = 16
PS C:\Users\VA05\Desktop\latihan coding\go\go> go run main.go
11 + 5 = 16
PS C:\Users\VA05\Desktop\latihan coding\go\go> go run main.go
Muhammad Tarmidzi Bariq 51422161
PS C:\Users\VA05\Desktop\latihan coding\go\go>
```

2.

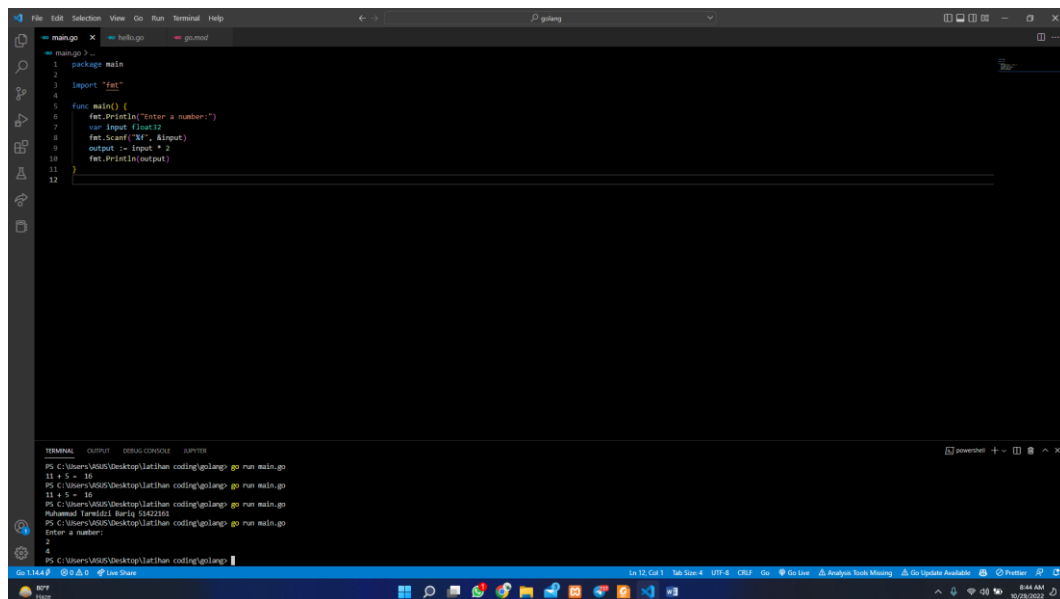


The screenshot shows the VS Code editor with a Go file named `hello.go`. The code defines a `main` package with a `main` function that prints a fixed sum: `11 + 5 = 16`. The terminal output shows the command `go run hello.go` being executed, resulting in the output `11 + 5 = 16`.

```
1 package main
2
3 import "fmt"
4
5 func main() {
6     fmt.Println("11 + 5 = ", 11.0+ 5.0)
7 }
8
9
```

```
PS C:\Users\ASUS\Desktop\latihan coding\golang> go run hello.go
11 + 5 = 16
```

3.



The screenshot shows the VS Code editor with a Go file named `hello.go`. The code defines a `main` package with a `main` function that prompts the user to enter a number, reads the input, and prints the sum of the input and 11. The terminal output shows the command `go run main.go` being executed, resulting in the output `11 + 5 = 16`.

```
1 package main
2
3 import "fmt"
4
5 func main() {
6     fmt.Println("Enter a number:")
7     var input float32
8     fmt.Scan(&input)
9     output := input + 11
10    fmt.Println(output)
11 }
12
```

```
PS C:\Users\ASUS\Desktop\latihan coding\golang> go run main.go
11 + 5 = 16
PS C:\Users\ASUS\Desktop\latihan coding\golang> go run main.go
Muhammad Faridul Bariq 54422164
Enter a number:
2
11 + 5 = 16
```

4.

```
File Edit Selection View Go Run Terminal Help
main.go x hello.go gomod

main.go
1 package main
2
3 import "fmt"
4
5 func main() {
6     var x, y string
7     y = "Muhammad"
8     x = "Tareedzi Bariq"
9     fmt.Println("My name is", y)
10    fmt.Println("My last name is", x)
11 }
12

TERMINAL OUTPUT DEBUG CONSOLE JUPYTER
Enter a number:
4
PS C:\Users\ASUS\Desktop\latihan coding\golang> go run main.go
My name is leadi
My last name is leadi
PS C:\Users\ASUS\Desktop\latihan coding\golang> go run main.go
My name is max leadi
My last name is max leadi
PS C:\Users\ASUS\Desktop\latihan coding\golang> go run main.go
false
true
true
true
PS C:\Users\ASUS\Desktop\latihan coding\golang> go run main.go
My name is Tareedzi Bariq
My last name is Tareedzi Bariq
PS C:\Users\ASUS\Desktop\latihan coding\golang> go run main.go
My name is Muhammad
My last name is Tareedzi Bariq
PS C:\Users\ASUS\Desktop\latihan coding\golang>
PS C:\Users\ASUS\Desktop\latihan coding\golang>
```

5.

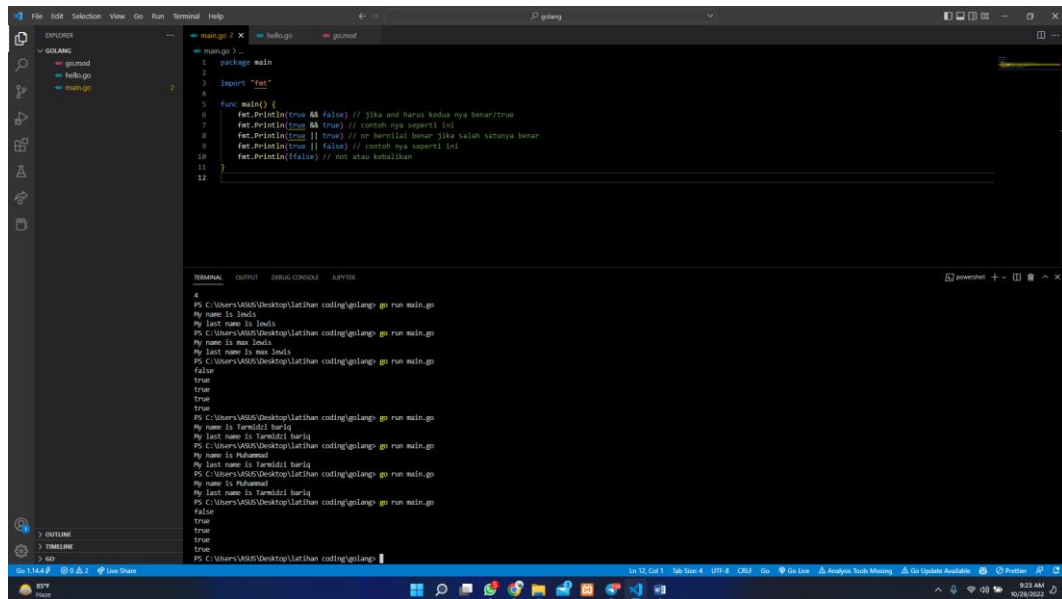
```
File Edit Selection View Go Run Terminal Help
main.go x hello.go gomod

EXPLORER
GOLANG
- gomod
- hello.go
- main.go

main.go
1 package main
2
3 import "fmt"
4
5 func main() {
6     var x [2]string
7     x[0] = "Muhammad" // array 0
8     x[1] = "Tareedzi Bariq"
9     fmt.Println("My name is", x[0])
10    fmt.Println("My last name is", x[1])
11 }
12

TERMINAL OUTPUT DEBUG CONSOLE JUPYTER
My last name is leadi
PS C:\Users\ASUS\Desktop\latihan coding\golang> go run main.go
My name is max leadi
My last name is max leadi
PS C:\Users\ASUS\Desktop\latihan coding\golang> go run main.go
false
true
true
true
true
PS C:\Users\ASUS\Desktop\latihan coding\golang> go run main.go
My name is Tareedzi Bariq
My last name is Tareedzi Bariq
PS C:\Users\ASUS\Desktop\latihan coding\golang> go run main.go
My name is Muhammad
My last name is Tareedzi Bariq
PS C:\Users\ASUS\Desktop\latihan coding\golang> go run main.go
My name is Muhammad
My last name is Tareedzi Bariq
PS C:\Users\ASUS\Desktop\latihan coding\golang> go run main.go
false
true
true
true
true
PS C:\Users\ASUS\Desktop\latihan coding\golang> go run main.go
My name is Muhammad
My last name is Tareedzi Bariq
PS C:\Users\ASUS\Desktop\latihan coding\golang>
PS C:\Users\ASUS\Desktop\latihan coding\golang>
```

6.



The screenshot shows a Go IDE with a file explorer on the left containing 'golang', 'gumod', 'hello.go', and 'main.go'. The main editor displays the following Go code:

```
1 package main
2
3 import "fmt"
4
5 func main() {
6     fmt.Println(true && false) // jika and harga kedua nya benar/true
7     fmt.Println(true && true) // contoh nya seperti ini
8     fmt.Println(true || true) // or bernilai benar jika salah satunya benar
9     fmt.Println(true || false) // contoh nya seperti ini
10    fmt.Println(false) // not atau kebalikan
11 }
12
```

The terminal at the bottom shows the execution of 'main.go' with the following output:

```
PS C:\Users\VAIS\Desktop\Latihan coding\golang> go run main.go
My name is Iwadi
My last name is Iwadi
PS C:\Users\VAIS\Desktop\Latihan coding\golang> go run main.go
My name is max Iwadi
PS C:\Users\VAIS\Desktop\Latihan coding\golang> go run main.go
false
true
true
true
PS C:\Users\VAIS\Desktop\Latihan coding\golang> go run main.go
My name is Tarmidzi harliq
My last name is Tarmidzi harliq
PS C:\Users\VAIS\Desktop\Latihan coding\golang> go run main.go
My name is Muhammad
My last name is Tarmidzi harliq
PS C:\Users\VAIS\Desktop\Latihan coding\golang> go run main.go
My name is Muhammad
My last name is Tarmidzi harliq
PS C:\Users\VAIS\Desktop\Latihan coding\golang> go run main.go
false
true
true
true
PS C:\Users\VAIS\Desktop\Latihan coding\golang>
```

The status bar at the bottom indicates 'Go 1.14.4', '100% Trust', and the system time '9:23 AM 10/08/2022'.