

GoFile Edit View Navigate Code Refactor Run Tools VCS Window Helpfinal - main.go

finalmain.go

Project

finalC:\DPU\IT375-Golang\final

64210001_นายชิรพล-เพชรการ.docx64210001_นายชิรพล-เพชรการ.pdfgo.modmain.go~\$210001_นายชิรพล-เพชรการ.docx

External LibrariesScratches and Consoles

main.go

1package main

2

3import (

4 "fmt"

5)

6

7func lenCalculate(str string) int {

8 return len(str)

9}

10

11func calSum(num int) int {

12 return num + 13

13}

14

15func calMinus(num int) int {

16 return num - 3

17}

18

19func main() {

20 NameArr := []string{"Apollo", "Athena", "Artemis", "Zeus", "Aphrodite"}

21 for _, Name := range NameArr {

22 lenName := lenCalculate(Name)

23 if lenName == 7 {

24 fmt.Printf(format: "Length of %v is %v \n", Name, lenName)

25 fmt.Printf(format: "Calculate is %v \n", lenName)

26 }

27 if lenName > 7 {

28 fmt.Printf(format: "Length of %v is %v \n", Name, lenName)

29 fmt.Printf(format: "Calculate is %v \n", calSum(lenName))

30 }

31 if lenName < 7 {

32 fmt.Printf(format: "Length of %v is %v \n", Name, lenName)

33 fmt.Printf(format: "Calculate is %v \n", calMinus(lenName))

34 }

35 }

36}

37

main()

Terminal: Local

PS C:\DPU\IT375-Golang\final> go run main.go

Length of Apollo is 6

Calculate is 3

Length of Athena is 6

Calculate is 3

Length of Artemis is 7

Calculate is 7

Length of Zeus is 4

Calculate is 1

Length of Aphrodite is 9

Calculate is 22

PS C:\DPU\IT375-Golang\final>

Version ControlRunTODOProblemsDebugTerminalServices

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2:49 PM26-Mar-22

```
package main

import (
    "fmt"
)

func lenCalculate(str string) int {
    return len(str)
}

func calSum(num int) int {
    return num + 13
}

func calMinus(num int) int {
    return num - 3
}

func main() {
    NameArr := []string{"Apollo", "Athena", "Artemis", "Zeus", "Aphrodite"}
    for _, Name := range NameArr {
        lenName := lenCalculate(Name)
        if lenName == 7 {
            fmt.Printf("Length of %v is %v \n", Name, lenName)
            fmt.Printf("Calculate is %v \n", lenName)
        }
        if lenName > 7 {
            fmt.Printf("Length of %v is %v \n", Name, lenName)
            fmt.Printf("Calculate is %v \n", calSum(lenName))
        }
        if lenName < 7 {
            fmt.Printf("Length of %v is %v \n", Name, lenName)
            fmt.Printf("Calculate is %v \n", calMinus(lenName))
        }
    }
}
```