



Module 2 Quiz

Graded Quiz • 14 min

Due Jun 8, 12:29 PM IST



Congratulations! You passed!

TO PASS 75% or higher

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GRADE

100%

Module 2 Quiz

LATEST SUBMISSION GRADE

100%

1. Is the highlighted assignment to f in the following code a legal variable assignment?

1 / 1 point

```
var f func(string) int

func test(x string) int {
    return len(x)
}

func main() {
    f = test
}
```

☒ Yes

☐ No



Correct

Correct!

2. Which of the following statements correctly declares a function whose argument is another function which takes an integer as an argument and returns a string?

1 / 1 point

- ☐ func fA(fB (int) string)
- ☒ func fA(fB func (int) string)
- ☐ func fA(fB func (int)) string
- ☐ func fA(fB func (string) int)



Correct

Correct!

3. What is an anonymous function?

1 / 1 point

- ☐ A function with no return value
- ☐ A function with multiple names
- ☒ A function with no name
- ☐ A function with no arguments



Correct

Correct!

4. Which of the following statements correctly declares a function whose return value is another function which takes a string as an argument and returns an integer?

1 / 1 point

- ☐ func fA(fB (int) string) func (string) int
- ☒ func fA(fB func (int) string) {}
- ☐ func fA(int) string {}
- ☐ func fA() fB func (string) int{}



Correct

Correct!

5.

```
1 func fA() func() int {  
2     i := 0  
3     return func() int {  
4         i++  
5         return i  
6     }  
7 }  
8 func main() {  
9     fB := fA()  
10    fmt.Print(fB())  
11    fmt.Print(fB())  
12 }  
13
```

1 / 1 point

What does the above code print on the screen?

☒ 12

☐ 11

☐ 01

☐ 1



Correct

Correct!

6. What symbols are used in a function declaration to indicate that it is a variadic function?

1 / 1 point

☐ ">"

☒ "..."

☐ "___"

☐ "[]"



Correct

Correct!

7. What does this routine produce?

1 / 1 point

```
1 package main
2
3 import "fmt"
4
5 func main() {
6
7     i := 1
8
9     fmt.Print(i)
10
11     i++
12
13     defer fmt.Print(I+1)
14
15     fmt.Print(i)
16
17 }
```

☐ 132

☐ 134

☐ 234

☒ 123



Correct

Correct! The *defer* statement prints 3 after the surrounding function returns. Thus 2 is printed before 3.