Module 2 Quiz
Quiz, 7 questions

4/7 points (57.14%)
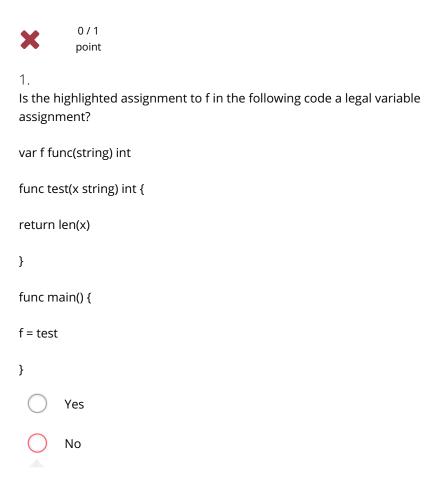
✕ **Try again once you are ready.**

Required to pass: 75% or higher

You can retake this quiz up to 3 times every 8 hours.

| Back to Week 2 |
| Retake |

✖ 0 / 1
point

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

var f func(string) int

func test(x string) int {

return len(x)

}

func main() {
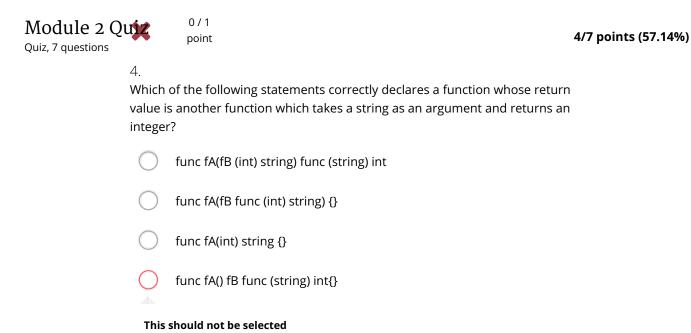
f = test

}

○ Yes

○ No

This should not be selected
Functions are first class objects in Go and can be assigned to variables.

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0 / 1
point

4/7 points (57.14%)

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?

○   func fA(fB (int) string)

○   func fA(fB func (int) string)

○   func fA(fB func (int)) string

This should not be selected
The argument fB does not return a string. fA does instead.

○   func fA(fB func (string) int)

✔

1 / 1
point

3.
What is an anonymous function?

○   A function with no return value

○   A function with multiple names

○   A function with no name

Correct
Correct!

○   A function with no arguments

Module 2 Quiz   ✖   0 / 1 point   **4/7 points (57.14%)**
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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?

○ func fA(fB (int) string) func (string) int

○ func fA(fB func (int) string) {}

○ func fA(int) string {}

○ func fA() fB func (string) int{}

This should not be selected

The return value should not have a name.

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point

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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
```

What does the above code print on the screen?

○ 12

Correct
Correct!

○ 11

○ 01

○ 1

✔

1 / 1
point

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

○ "->"

○ "..."

Correct
Correct!

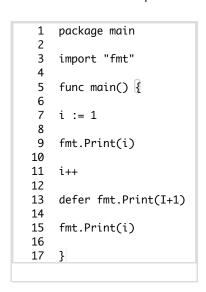○ "---"

○ "[]"

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1 / 1
point

4/7 points (57.14%)

7.
What does this routine produce?

```
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.

👍 💬 🏳