

Chapter Quiz

In the following quiz, you will be tested on concepts you learned in this chapter.



1

What does it mean for a function to be treated as a first-class value?



2

The code snippets below are using functions as function parameters. Which of the following will result in a syntax error?



The code snippets below are anonymous functions which return the product of two numbers. Which of the following are the incorrect implementation?



What is *syntactic sugar*?



Anonymous functions are syntatic sugar because they don't bring any change to the expressive power of Scala.



The function `saySomething`, returns an anonymous function. What will be the output of the following code?

```
def saySomething(prefix: String) = (s: String) => {  
  prefix + " " + s  
}
```

```
}  
  
def saySomethingElse = saySomething("hello")  
  
print(saySomethingElse("there"))
```



What is *currying*?

8



`add` is a curried function. What will be the output of the following code?

```
def add(a: Int)(b: Int) = a + b

val first = add(1)(5)

val second = add(4)_

val third = second(2)

print(first == third)
```

[Retake Quiz](#)

In the next chapter, we will move on to **classes** and **objects**.