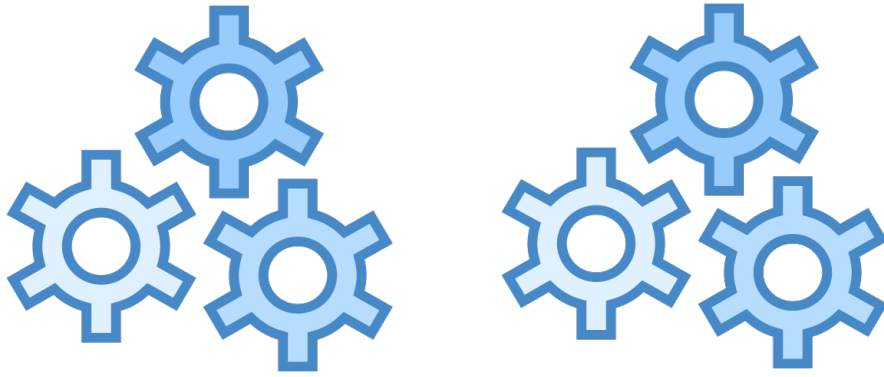


How to Make an App For Beginners

Lesson 6
Worksheet



Welcome!

This exercise continues from the Swift Basics (Part 2) taught in lesson 6.

In this worksheet, you'll do 4 different exercises to practice writing functions.

Just in case you don't remember how you got here (or if you need a refresher), Lesson 6 can be found here:

<https://codewithchris.com/lesson6>

Step 1: We'll be doing these exercises in a Swift Playground.

Open Xcode and create a new playground
(File Menu->New->Playground).

From the list of Playground templates, just select "**Blank**"

Exercise #1: Basic Function (solution at the end).

Write a function called "goodMorning" that:

- Prints out "Good Morning" in the console window (use the print command to do this) when called.

Exercise #2: Function with Parameters (solution at the end).

Write a function called
"printTotalWithTax" that:

- Accepts a parameter called "subtotal" that is of data type Double.
- When this function is called, it will print out the subtotal multiplied by 1.13 in the console window.

Exercise #3: Function with Return Value (solution at the end).

Write a function called "getTotalWithTax" that:

- Accepts a parameter called "subtotal" that is of data type Double.
- Returns a Double value.
- When this function is called, it will **return** the subtotal multiplied by 1.13 as the return value.
- Take the returned value from calling the function and print it out to the console.

Exercise #4: Function with Two Parameters and Return Value

(solution at the end).

Write a function called
"calculateTotalWithTax" that:

- Accepts two parameters called
"subtotal" (Double) and "tax" (Double).
- Returns a Double value.
- When called, it will **return** the
subtotal multiplied by the tax as the
return value.
- Take the returned value from calling
the function and print it out to the
console.

You're done! If you completed this exercise, celebrate and let me know on Twitter!

<https://twitter.com/CodeWithChris>

If you want to compare your project to mine, you can get it here:

<https://codewithchris.com/code/Lesson6WorksheetPlayground.zip>

Let's move on to Lesson 7:

<https://codewithchris.com/lesson7>