8/17/2021

CS305 Object Oriented and Functional Programming in JavaScript

Assignment

W1D5 Function Expressions

Use the Mocha test file, d15fnExps/fnExpsTests.js, to test your implementations of the following functions. Copy the file from [this GitHub location](#) to your own GitHub Pages website for the course. Be sure to use JSdoc to document the parameters and returns for each function according to our class coding standards.

1. Write a function, double, that takes a number and returns 2 times the number.

2. Write a function times100 that takes a number and returns 100 times the number.

3. Write a function, myMap, that takes an array and a function and returns a new array that has the function applied to each element of the input array. Use your myMap function with your double and times100 functions.

4. Demonstrate your myMap function with an anonymous function that triples the input value. Write this as an anonymous function expression. Then write it using an arrow expression.