# CPSC 473 - Web Programming and Data Management

## Spring 2015

### Homework Assignment 3, due the week of March 2

Complete the following steps.

1. Complete the exercise on p. 143 of Chapter 4, “FizzBuzz.” Wrap your program in a function called fizzbuzz\_1(), and arrange for the output to appear in a web page. Do the same for steps 2-5.
2. Create a function fizzbuzz\_2(start, end) that takes the starting and ending numbers as parameters. Call fizzbuzz\_2(200, 300).
3. Create a function fizzbuzz\_3(arr) that takes an array of numbers to use instead of counting by itself. Call fizzbuzz\_3([101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115]).
4. Create a function fizzbuzz\_4(obj) that takes an object specifying the words to be printed instead of "Fizz" and "Buzz". Call fizzbuzz4({ divisibleByThree: "foo", divisibleByFive: "bar"}).
5. Combine steps *(3)* and *(4)* to create fizzbuzz\_5(arr, obj).
6. Read the exercise on p. 141 of Chapter 4, “jQuery Plugins,” and follow the links to the documentation for the *Colorbox* plugin.
7. Get the version of the *Amazeriffic* application as of Chapter 4 up and running, if you have not done so already. Take four screenshots of *Amazeriffic* in action.
8. Create a web page using the C*olorbox* plugin to show your four screenshots as a slideshow.
9. Add a fourth tab to *Amazeriffic* labeled *Demonstration*.
10. Add your slideshow to the *Demonstration* tab.

#### Submission

E-mail the following items to [csuf.kenytt.net@gmail.com](mailto:csuf.kenytt.net@gmail.com):

1. Your fizzbuzz\_1() through fizzbuzz\_5() functions on a single web page
2. Your four screenshots of *Amazeriffic* in action
3. Your web page from step (8)
4. Your updated Amazeriffic code from steps (9) and (10).

#### Tips

* All of the above may be submitted as links to a GitHub repository rather than directly as attachments.
* If you have a partner, be sure to include the names of both partners in your e-mail.
* Set the Subject: line of your e-mail to  
   [CPSC 473 - Section 1] Assignment 3  
  or  
   [CPSC 473 - Section 2] Assignment 3  
  as appropriate (Wednesday night is Section 1; Monday night is Section 2).

#### Grading

This exercise is worth 10 points, one per completed step.