

# 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 *Colorbox* 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

### Grading

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