

9/25/2019

CS303 Object Oriented and Functional Programming in Javascript

W1D3 Objects

Part I: Complete the following tasks from The JavaScript Language book. Try to answer them before looking at the solutions. For the ones asking you to write code do that in VSCode and use the esLint coding conventions we gave you. These are all from the Chapter: Data Types and cover the sections noted below.

Section: Methods of primitives:

- Can I add a string property

Section: Numbers

- Sum numbers from the visitor
- Repeat until the input is a number (use the mocha test in VSCode from the sandbox)
- An occasional infinite loop
- A random number from min to max
- A random integer from min to max (write a mocha test with several different tests)

Section: Strings (include the mocha tests from the sandboxes for all of these in VSCode)

- Uppercase the first character
- Check for spam
- Truncate the text
- Extract the money

Section : Arrays

- A maximal subarray (use the mocha test in VSCode from the sandbox)

Section: Array methods

- Do all the 12 exercises in this section. Most of them have sandbox mocha tests. Copy those to VSCode and write your code to pass those tests. If you are running out of time you can inspect the solutions instead of writing them yourself first, but try to do as many as you can yourself.