

5/4/2020

Assignment for JavaScript Class lessons

Part I: Complete the following tasks from The JavaScript Language book. Try to answer them before looking at the solutions. You should work on each one for at least 10 – 20 minutes before looking at the solution. Write your own code for each of these before looking at the answers.

It is very helpful to have the jsHint checks running when you write your code. When writing any nontrivial code it finds a lot of bugs and although it takes a little extra time for the initial coding, it will save you a lot of time in the end. Equally important, it will develop good coding practices and make your code look much more professional and make you a better faster professional, faster!

In your comment for the assignment include a statement about whether you were able to complete all the exercises on your own and whether you have questions or would like to hear an explanation on any of the solutions from the book. Also comment on something that was interesting or that you learned from the lab. Finally please note whether you had sufficient time to complete the lab and about how long it took.

Chapter: Classes

Section: Basic class syntax

Tasks

Rewrite to class (see slide 15 for hints and questions to answer)

Section: Native prototypes

Tasks

Error creating an instance

Extended clock

Classes, Constructors, and Inheritance: An Example with Bank Accounts (see separate PDF specs)

OPTIONAL: If you have time, try adding buttons as event handlers for starting and stopping the clock (e.g., see screen image below). Note that there are subtle but important differences between the constructor function and class versions when working with event handlers.

