Software Developer Course Assessment

Quantitative Assessment Practice

Course Name: Programming with JavaScript

Current Week: (2024/03/11)

## Introduction:

The purpose of this assessment is to help us understand how the class is doing in terms of the review material that we have covered during the previous couple of weeks. The only purpose of this assessment is for us to improve our approach to review and ensure that what we’re currently doing is an effective strategy. Completion of this assessment is mandatory - if you don’t submit a solution, it will be marked as incomplete. If you do submit a solution, it will be marked as complete, as you will receive full marks.

Again, the goal here is to help you all in the best way that we can, so please do be honest when answering the questions related to how long it took, which resources you used, etc. And please ensure that you do your own work – don't just copy off a friend to get it done, earnestly do your best with it. If you can’t get it completely working, give us what you have. While it will be graded, the grade will not count against you, it’s just a way for us to see where everybody is, and to know which concepts, if any, we, as a class, may be struggling with.

Deadline: You will have until the end of the day on **Tuesday March 19,2024 (4:00pm)** to submit your assessment solutions. Please ensure you answer all the questions outlined in the instructions portion of this document as well in your submission.

Instructions: Your name: Elliott Butt

You are allowed to complete the assessment problems below in whatever way you can but please answer the following questions/points as part of your submission:

1. How many hours did it take you to complete this assessment? (Please keep try to keep track of how many hours you have spent working on each individual part of this assessment as best you can - an estimation is fine; we just want a rough idea.)

Roughly 3 ½ - 4 hours

1. What online resources you have used? (My lectures, YouTube, Stack overflow etc.)

Mainly regextester, and a little bit of MDN JS docs

1. Did you need to ask any of your friends in solving the problems. (If yes, please mention name of the friend. They must be amongst your class fellows.)

No

1. Did you need to ask questions to any of your instructors? If so, how many questions did you ask (or how many help sessions did you require)?

No.

1. Rate (subjectively) the difficulty of Making this all! from your own perspective, and whether you feel confident that you can solve a similar but different problem requiring some of the same techniques in the future now that you’ve completed this one.

It was more difficult than QAP 1 (regex can be hard at times), but relatively okay. I would say this is a good level for where we are. I would feel confident solving similar problems in the future.

## Objective:

Strings are one of the most important components of any programming language. JavaScript is no exception. We have discussed several string functions during our sessions along with the **video recording of my lecture on regular expressions(please have a look at it if not already 😊)**, to give you a real hands-on experience and mastery on strings in general this QAP is planned. Make use of regular expressions smartly to solve different questions.

## Requirements:

Please see the attached file “qap2.js”, it contains all the problem descriptions along with the empty structure of all functions. You need to replace comments in all functions with your code by keeping the requirements of the question in mind.

When you are done with the solutions, make one folder “alan\_qap2” (in case your first name is Alan 😊 zebra finch), and put this qap2.js along with this document after answering all the questions given above(use the green color for your answers as given example)