Lab 5 Instructions, Extra Array Lab
CS 133JS, Beginning Programming: JavaScript

Overview

The objective of this lab is to give you practice:

- Creating an array.
- Adding values to an array.
- Getting values from an array.
- Working with 2D (nested) arrays.

You will complete three web apps which are already partially written. You won't need to make changes to any of the HTML pages. In the .js files, you won't need to change any code that interacts with the DOM—it has all been written for you. In the .js file, you will just look for comments that start with TODO and write the code described there.

Web App I, AI Opinion Poll with a 1D array of yes counts

This web app displays an opinion poll with checkboxes for responding to the questions and a button for entering responses.

The only TODO item for you to complete in this web app is to write the `addVotes` function.

Web App II, AI Opinion Poll with a 2D array of yes and no counts

This web app displays an opinion poll with radio buttons for responding to the questions and a button for entering responses.

In this app, there are two TODO items for you to complete. You will write the following functions:

1. `totalTimesVoted`
2. `addVotes`

Web App III, AI Opinion Poll with a 2D array of response counts and averages

This web app displays an opinion poll with numeric input elements and checkboxes for responding to the questions and a button for entering responses.

In this app, there are three TODO items for you to complete. You will:

1. Declare and initialize the `responses` array.
2. Write the `totalResponses` function.
3. Write the `addResponses` function.

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Submitting your lab work on Moodle

<u>Production Version</u>

Upload the following to the *Lab Production Version* assignment:

1. A zip file containing all six files for your three web apps (.html and .js).
2. A code review of your own code.