DAY TRIP GENERATOR Project Framework

Introduction

This project is an opportunity to pull all of the fundamental concepts you've learned in JavaScript (variables, data types, operators, conditionals, loops, functions, debugging, arrays, and source control) and apply them in a single program.

The Day Trip Generator will allow a user to have a random trip generated for them, making it less of a hassle to come up with trip ideas for the day! In it, you'll utilize just a single JavaScript file for all of the code and practice good debugging techniques, constantly testing every small chunk of code you write as you go along.

Make sure to set up your GitHub repository and test the commit process FIRST before starting to work on the project itself!

Resources

Lectures

- Introduction to Git & GitHub

- All previous lectures will be useful here!

Documents

- Basic Git Operations

Relevant Projects

All previous worksheets!

Tasks

1. Create a GitHub repository and clone it down to your local computer to store your code in a remote repository

2. Create your JavaScript project in Visual Studio Code (make sure you have both a script.js and index.html file, with a <script> tag in the HTML file linking to your script.js file)

3. Write the code for the project and be sure to test as you go along

Setup Steps

1. Create a GitHub repository on GitHub. Clone your repository down to your computer (referring to the source control demos for today would be helpful!!)

2. Create your project in Visual Studio Code and move the invisible .git folder and README file to the folder where your project is located.

3. Make a test commit and check your repository to be sure the content has been updated!

4. Start coding the program first by going from the top of the user stories and working down. Decide how you will:

a. Store the trip options for destinations, restaurants, transportation, and entertainment

b. Get a random element from each of those sets of options

c. Store those random elements to be used elsewhere!

End Result

Please see the "Project Walkthrough – Day Trip Generator" video for a walkthrough on what the end result could look like!