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1. Introduction

This README document is for Assignment 3 for CSCI 1170 Introduction to Web Design and Development. I will be using the HTML code that I made for Assignment 1, as well as the CSS code that I wrote for Assignment 2, with some minor changes, and adding JavaScript code in a new file. The website was hosted successfully on Github like the bonus section recommended.

2. Requirements

The requirements for this assignment portion were as follows:

Create an improved version of your professional website using HTML, CSS, JS

- Design Desktop, Mobile, & Tablets (10 marks)

This can be found in the style.css file. Desktop devices are considered to be those with a minimum width of 900px, tablets those between 600 and 900 px, and mobile phones those whose maximum is 600px. I changed the way that the project section looks based on the media that it is being seen on and changed the size of the fonts as well to make it easier to read.

- [1 mark] Notifications: Use at least one notification
There is one notification that pops up when the website is finished loading that pops up and says "please hire me :)". This can be found in the script.js file.
- [4 marks] Event Handler: Use an event handler to respond to user any interaction (Should be different than implemented notification).

The event handler is used for the form at the end of the page to ensure that all the parts that I want to be completed before the submit button can be pressed.

- [5 marks] Conditional: Create one website feature that uses a conditional (nested if, if-else, and else OR switch case)

The conditional is in the script.js file and is also related to the form. I use if-else if-else loops to make sure that the fields that I want filled out are filled out and with a certain format sometimes as well.

- [10 marks] Colour Changer: create a set of 2 buttons that when clicked changes CSS elements of the webpage to give you three different colour schemes.

There are two buttons, one that is called dark mode and one that is called pink mode. Using the toggle function in the script.js file, pressing on the buttons will change the whole of the index.html file.

- [20 marks] Form: Create a form that has at least 5 required questions and a submit button. Use at least three types of input, and a textarea. All input should be checked with conditionals and at least one pattern is used to validate the input

The 5 forms that need to be filled out in order for the form to submit are the first name and last name fields, age, either phone number in a specific pattern or an email, and finally their reason for contacting me. The types of input include text, number, telephone, email, and textarea. The pattern for the phone number is xxx-xxx-xxxx where x represents any number.

- Bonus[15 marks]: I have hosted my website using github under the url of serendipity77705.github.io

3. Accessibility Considerations

The main thing that I worried about was the color contrast between the foreground and background when the buttons were toggled on and off to change styles. I made sure that the colors that I chose had at least 1:6 contrast so that they would be somewhat accessible at least while still fitting my themes. I have attached a PDF of accessibility using the inspector tool, that is 3 pages long, one for each theme as well.

4. File structure

Assignment_3

- └ index.html
 - └ Hackathon-win.jpeg (image)
 - └ you-and-me-helland.mp3 (audio)
 - └ project-2-image.png (image)
 - └ broom.jpeg (image)
- └ project-1.html
 - └ shiftkey-labs.jpeg (image)
- └ project-2.html
 - └ Project-2-game-recording.mov (video)
- └ style.css
- └ script.js
- └ Accessibility.pdf
- └ reflection.pdf
- └ README.txt.pdf

