Week 9 Project Document

Throughout the course of weeks 2-8, we have covered a wide range of concepts related to web development. In this report, I will summarize some of the key concepts that I have used in the development of my website.

Week 2
Concepts: css, form

I enhanced the visual appeal of my website by applying CSS styling techniques, and added a user-friendly contact form to allow visitors to submit their feedback.

Reference:
appstyle.css
index.html line 93-105

Week 3
Concepts: getElementById

I attempted to use the getElementById method to insert an image onto my website.

Reference:
main.js line 2-5

Week 4
Concepts: function and getElementById

I attempted to use the getElementById method to insert an image onto my website and I also created a function which takes the path of the image and the element id as inputs to insert the image on the website.

Reference:
main.js line 2-10

Week 5
Concepts: eventListener

I used eventListeners to create a button that can toggle between light and dark themes on my website.

Reference:
main.js line 12-17

Week 7
Concepts: Bar chart

I used bar charts to visualize the relationship between social media usage and various mental health problems. I also use the fetch API from week 9 to grab data from online files.

Reference:
main.js line 20-285

Week 8
Concepts: data cleaning and subsetting

I wrote a python script to clean the data, drop any rows with missing values and get the subset of the columns I need.

Reference:
preprocess.py