

Experiment 8

CSCI-230 Web Scripting

Fall 2024

Part I

Inside the **experiments** directory in your repository create a *subdirectory* named **e8**.

Inside the **e8** directory create files named **e8.html**, **e8.css**, and **e8.js**.

In **csci230/index.html** add a link to **csci230/experiments/e8/e8.html**.

Part II

In Assignment 7 you created an entity class for the entities represented in your dataset. In addition you created an array of instances of your entity class using the data in your dataset. Copy your entity class and your **data.js** file into **experiments/e8** and copy the code in **e7.js** that creates and populates the array of entities into **e8.js**.

Part III

Create a web component, using the techniques discussed in class, that displays a card that holds the data for your entity. When rendered the cards should be visually appealing.

Part IV

Create a web-component that renders a box containing a title and a container. The container should contain instances of the card web component developed in Part III. Size the container so that not all cards are visible and add a scrollbar to the container so that the user can scroll to see all of the cards.

Part V

Add code to **e8.css** so that the scrollable web component is positioned in the center of the page.
