

Experiment 1

CSCI-230 Web Scripting

Fall 2024

Part 0

If you do not have a shared [GitHub.com](https://github.com) repository with your instructor, complete the following tutorial.

- [Create a GitHub.com Account](#)
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Part I

Note: In the instructions below, please make all subdirectory names lowercase and identical to names specified.

Somewhere on your laptop create a subdirectory named **csci230**. The **csci230** directory will be the base directory of your website.

Inside the **csci230** directory create a file named **index.html** and a file named **index.css**.

Inside the **csci230** directory create a *subdirectory* named **experiments**.

Inside the **experiments** directory create a *subdirectory* named **e1**.

Inside the **e1** directory create a file named **e1.html** and a file named **e1.css**.

Part II

In **csci230/index.html** and **csci230/index.css** add HTML and CSS (respectively) to do the following:

- Display your name.
 - Include a heading for a *list* of links to the experiments you perform this semester.
 - Create a list and include in the list a link to **csci230/experiments/e1/e1.html**.
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Part III

In **e1.html** write a web page that satisfies the following.

Note #1: you are encouraged to go beyond the requirements below and experiment with HTML and CSS.

Note #2: Anyone that uses my likeness in any of their experiments in this class will receive a F in the class.

- All styling must occur in **e1.css**.
- The background of the page must be red.
- Add multiple elements that have different colors, sizes, and shapes to the page so that they *completely* fill the page and so that you cannot see any of the red background color.
- Each of the elements added to the page are constrained as follows:
 - each must not have a width or height that exceeds 1/4 of the page.
 - each must overlap at least two other shapes.
- At least one shape must have a visible border.
- At least one shape must have noticeable padding.