CS-146 Homework 1
Introduction to HTML & CSS

1 Assignment Objectives

The goal of this assignment is to sharpen your skills in HTML5 & CSS3. There is no JavaScript in this assignment. While this assignment is to be completed **individually**, you are permitted (and encouraged) to use online resources like Mozilla's MDN. You will make a website that will resemble the following:

2   Setup

For this assignment, you will be making two files, `index.html` and `styles.css` for your website. Inline styles (styles within html) are **not allowed** and will result in point deduction. Your CSS must be linked in a `link` tag within the head element. In addition, you should add a helper JavaScript library that we provide that can assist you on your progress. You can do the following:

```html
<!DOCTYPE html>
<html>
    <head>
        ...
        <link rel="stylesheet" href="style.css">
        <script src="https://tidepod.fun/hw1_helper.js" async></script>
    </head>
    <body>
    ...
    </body>
</html>
```

3   Tasks

This assignment is broken up into three sections. For each section, you will be given an example photo, and will have to implement the HTML and CSS for it. First and foremost, you must have an `h1` element containing the text "CS 146 Resources" and aligned to the center on the top of your webpage, before your first task. In addition, you must give your `body` element a `grey` background.

Each task section should be contained within a `div` element with a class name `content` and has the following properties:

- Background color `white`

- Margin vertical margin of `16px`, and `auto` for horizontal

- Vertical padding of `16px`

- Box shadow with an offset of x and y as `0px`, a `4px` blur radius, and a `black` color

- Border radius of `4px`

- Width of `600px`

3.1   Task I: Calendar

For this first task, you will be making a calendar with the various TA's office hours, using a `table` element.
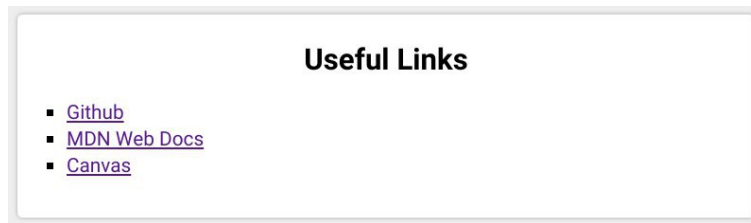
The elements required for the Calendar task are:

- Centered `h2` element with the text "CA Office Hours"

- A `table` element (have the borders `collapse`) with a body containing:

  - 6 table headers (5 for the days of the week) with a width of `100px`
  - table rows with a bottom border that is `thin`, `solid` and has the color `#CCCCCC`
  - the first column should have `td` elements with the different times
  - for each TA pair, make a `td` element that has a class name `event`, whose CSS has `white` text, each block having a different background color, a border radius of `6px` and spanning 2 columns

3.2   Task II: Links

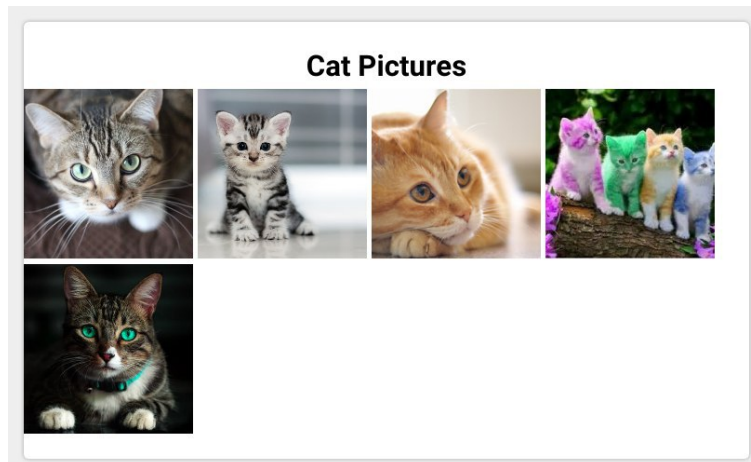The next task will be a list of hyperlinks to useful resources.

The elements required for the Links task are:

- Centered `h2` element with the text "Useful Links"

- An unordered list (with a list style of `square`) that contain (at least) the following hyperlinks:

  - Github → `https://github.com/`
  - MDN Web Docs → `https://developer.mozilla.org/en-US/`
  - Canvas → `https://sit.instructure.com`

3.3   Task III: Cats

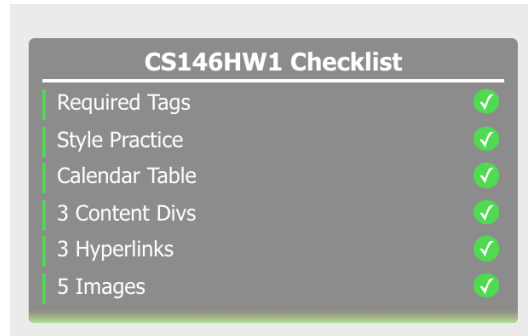The final task is to add some cute cat photos (dogs are allowed too).

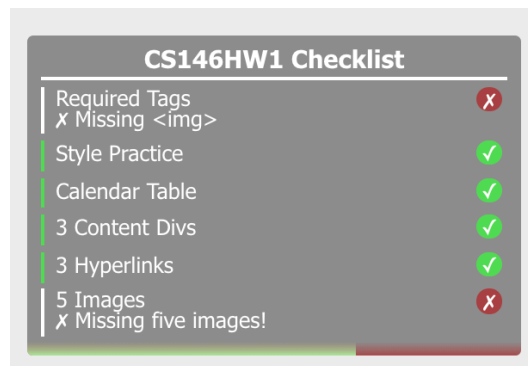The elements required for the Cats task are:

- Centered `h2` element with the text "Cat (Or Dog) Pictures"

- At least 5 cat or dog photos from external websites that have a height and width of `140px`
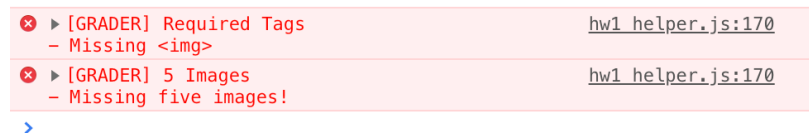
4 Helper Checklist

We've also included a helper OSD that checks off various tasks when you complete them. When you have the proper website structure, it should look like this:

If you are missing elements or did them incorrectly, it will tell you what you did wrong:

Also, you can open your browser's web console to see some additional error output:

If you don't know how to open your console, here's how to do so:

- Chrome

  - Windows: `Ctrl + Shift + J`
  - macOS: `CMD + Opt + J`

- Firefox

  - Windows: `Ctrl + Shift + K`
  - macOS: `CMD + Opt + K`

5 Submission

Upload a zip file to Canvas containing your `index.html` and `styles.css` files and name it:
`LastName_FirstName_Assignment1.zip`.

Good Luck!