

Assignment: Cascading Style Sheets

In this assignment you will develop a Cascading Style Sheet (CSS) to control, the look, feel, and layout of some provide HTML content.

You should already have your system set up on PythonAnywhere and have completed the HTML assignment before starting this assignment. The HTML assignment sets up your application to serve static files and we will need that set up to do this assignment.

In this assignment, you will transform from this:

Turns out you have a really fun time if you go to work every day and focus on being silly and funny and happy! - Hannah Murray

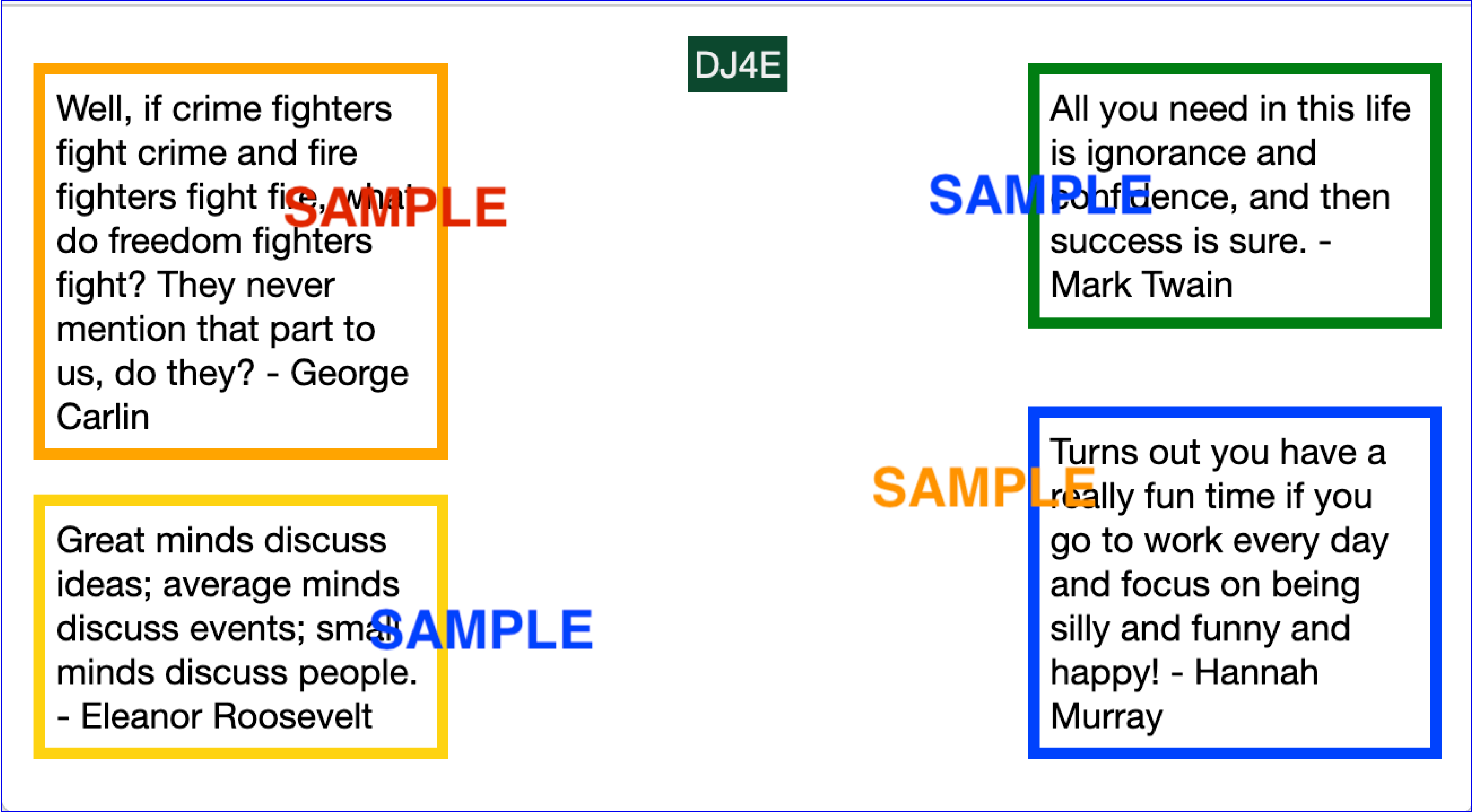
All you need in this life is ignorance and confidence, and then success is sure. - Mark Twain

Well, if crime fighters fight crime and fire fighters fight fire, what do freedom fighters fight? They never mention that part to us, do they? - George Carlin

Great minds discuss ideas; average minds discuss events; small minds discuss people. - Eleanor Roosevelt

DJ4E

To this:



Using only CSS.

Resources

There are several sources of information so you can do the assignment:

- Lectures and materials on *Cascading Style Sheets* from www.dj4e.com

Pre-Requisites

- Please install the [Web Developer Toolkit](#) for your browser from Chris Pedrick and know how to use it to disable CSS styles.

Tasks

Here are the tasks for this assignment. These tasks can be done by editing HTML and CSS files in your `site` folder on PythonAnywhere.

- Make a folder `django_projects/mysite/site/css`.
- Take this [this file](#) and copy/paste the contents into `django_projects/mysite/site/css/index.htm`. You will not change this file.
- Take [this file](#) and copy/paste the contents into `django_projects/mysite/site/css/blocks.css` in the same folder as the above file.
- Edit the `blocks.css` and add the CSS rules so the HTML file looks like the above image when you view `https://your-account.pythonanywhere.com/site/css/index.htm` file in your browser. ([Example that "looks" correct but is not a solution at all](#))
- The four boxes have five pixel borders with different colors and five pixels of margin and padding. It is probably simplest to use [fixed positioning](#) to get the boxes to be "sticky" to the corners of the screen even when you resize. Make the boxes width be **25%** so the width changes as you resize your browser.
- Center the link at the top of the page. Use your developer console / inspect element feature of your browser to visit <https://www.dj4e.com/> and figure out the background color, font, and text color used in the top navigation bar and replicate for the link to DJ4E in your `index.htm`.
You might find that using the [border shortcut](#) in your CSS instead of the separate "border" values makes the CSS validator "happier".
- Your CSS must pass the validator at: <https://jigsaw.w3.org/css-validator>

Note - that as you change files like `blocks.css` you may need to make sure that when you hit 'refresh' that a new copy of the file is loaded. One some browsers, you can press 'Shift-Refresh' to force a reload of the cache so you get a fresh copy of the file.

What To Hand In

For this assignment you will hand in:

- Image (JPG or PNG) of your index.htm with the styling applied
- Image (JPG or PNG) of the source code of your blocks.css file
- Image (JPG or PNG) of your blocks.css passing the W3 CSS validator

Sample Screen Shots

Passing the CSS validator:


Blocks

Famous Quotes at Brai

Famous Quotes at Brai

W3C CSS Validator res

Securehttps://jigsaw.w3.org/css-validator/validator



The W3C CSS Validation Service

W3C CSS Validator results for blocks.css (CSS level 3)

Jump to:


Validated CSS

W3C CSS Validator results for blocks.css (CSS level 3)

Congratulations! No Error Found.

This document validates as [CSS level 3](#) !

To show your readers that you've taken the care to create an interoperable Web page, you may display this icon on any page that validates. Here is the XHTML you could use to add this icon to your Web page:



```
<p>
  <a href="http://jigsaw.w3.org/css-validator/check/referer">
    
    </a>
  </p>
```

SAMPLE