

Assignment: Cascading Style Sheets

In this assignment you will develop a Cascading Style Sheet (CSS) to control, the look, feel, and layout of some provided 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
SAMPLE
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

Brainy Quote

To this:

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

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

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.brainyquote.com/> and figure out the background color, font, and text color they are using in the top navigation bar and replicate that exactly for the link to BrainyQuote in your **index.htm**.

- Your CSS must pass the validator at:

<https://jigsaw.w3.org/css-validator>

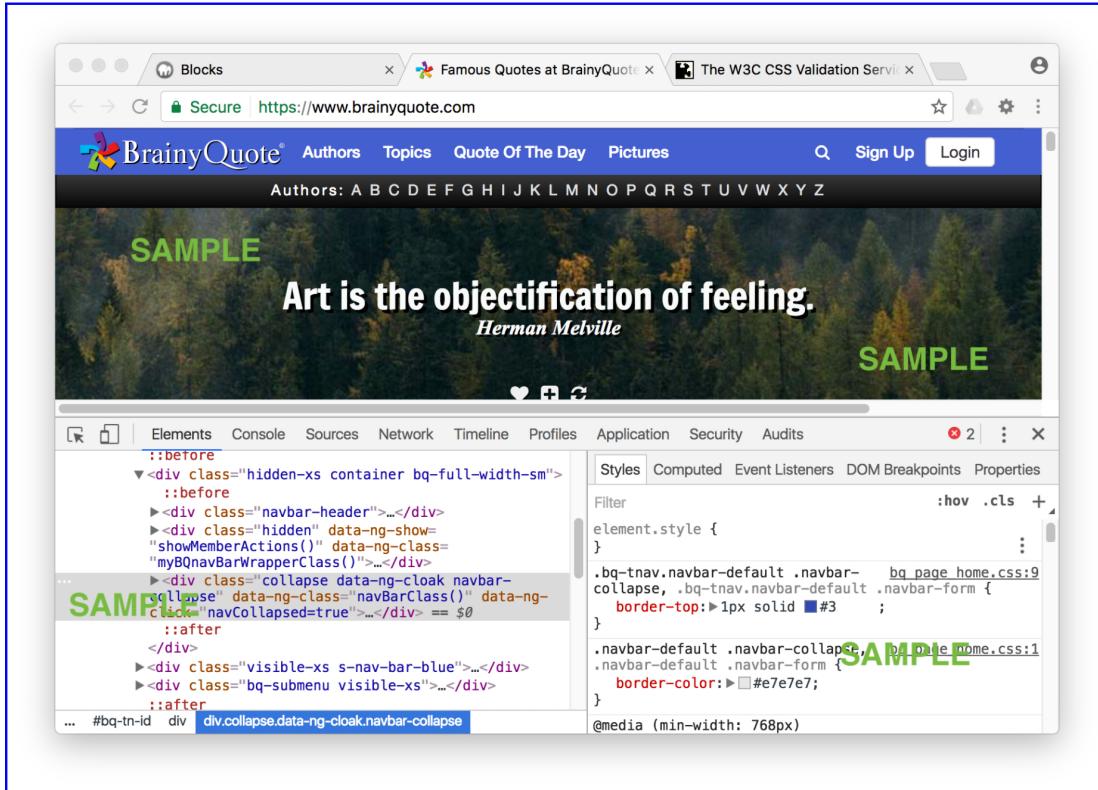
What To Hand In

For this assignment you will hand in:

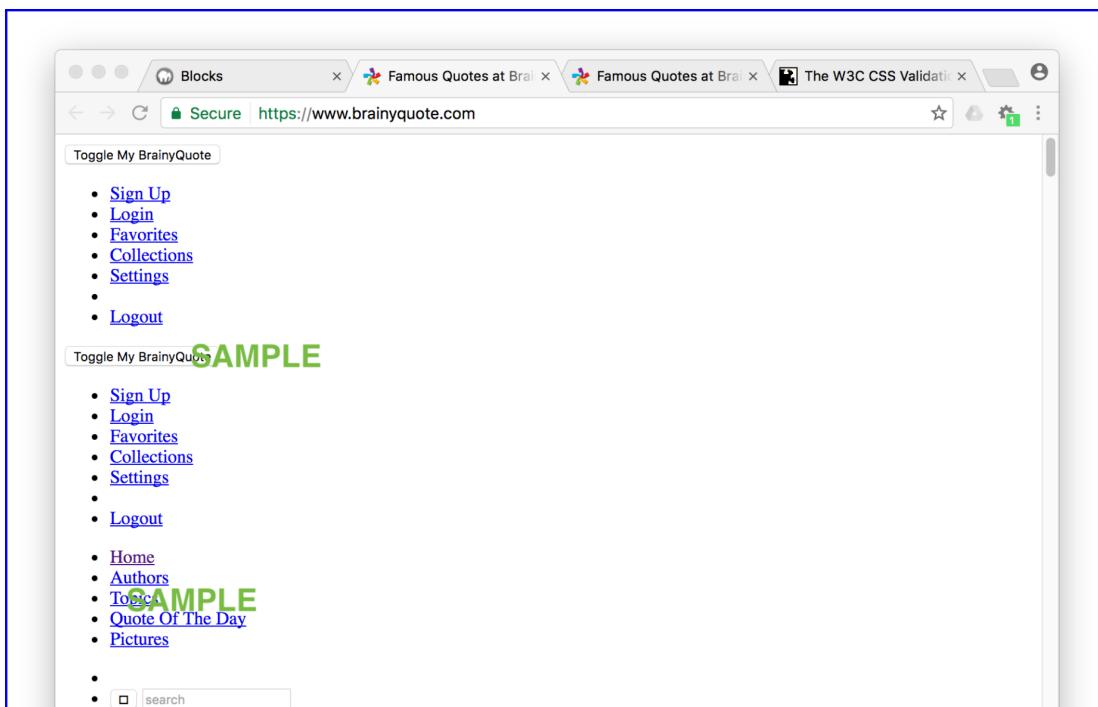
1. Image (JPG or PNG) of your index.htm with the styling applied
2. Image (JPG or PNG) of the source code of your blocks.css file
3. Image (JPG or PNG) of your blocks.css passing the W3 CSS validator
4. Image (JPG or PNG) of your browser viewing www.brainyquote.com with all styles turned off
5. Image (JPG or PNG) of your browser at www.brainyquote.com inspecting the navigation element to find its background color

Sample Screen Shots

Using inspect element on the <https://www.brainyquote.com/>.



Looking at <https://www.brainyquote.com/> using Chris Pedrick's Web Developer add on to turn off all styles:



Passing the CSS validator:

The screenshot shows a web browser window with the URL <https://jigsaw.w3.org/css-validator/validator>. The title bar says "W3C CSS Validation Service". The main content area displays the results for "blocks.css (CSS level 3)". A green banner at the top says "Congratulations! No Error Found.". Below it, a message says "This document validates as [CSS level 3](#)!". Another message encourages displaying a validation icon on the page. To the left of the icon's description is its XHTML code. To the right is a large green "SAMPLE" watermark.

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

Provided by: www.dj4e.com

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