ASSIGNMENT 3
"CSS Challenge: Recipe"

DESCRIPTION

In this assignment, you will be challenged with the task of moving the *inline CSS* of index.html to an *external stylesheet.* This stylesheet will be accessed by the current page through the link element. There are 15 elements which have a style attribute (`style="property: value;"`). Move all CSS contained within the style attributes to a new file and try to keep the resulting design consistent before and after.. The page should look relatively the same - **aside from customization made in step 8**. *Group* selectors together where the same property and value pair is being applied to multiple elements, target parent elements to enable child elements to *inherit* styles when suitable.

INSTRUCTIONS

1. Download assignment-3.zip from the assignments section on BlackBoard. Extract your files and toss away the remaining compressed .zip folder.
2. Open index.html in a browser as well as your code editor. Examine both the "inline CSS" and the resulting styles in the browser.
3. Create directories inside of the assignment-3 directory (your HTML page's root folder) named "css" and "img". These will hold your stylesheets and images respectively.
4. Create an external stylesheet named styles.css and place in the css directory. Using the `<link>` element, provide a valid relative path to this empty file.
5. Use the attached screenshot of the original style with 'inline' CSS as a guide to complete the assignment.
6. In <u>styles.css</u>, create valid CSS selectors to target the elements which have inline CSS styles (look for the "style" attribute). **There are 15 elements with a style attribute attached.**
7. Remove all instances of the style attribute from index.html.
8. In styles.css, add some of your own **custom CSS to the bottom of the stylesheet**. Use code comments to explain what you are doing.
   a. Use CSS to hide an element.
   b. Change one of the borders of the div with the id of 'recipe-description' so that it has a different size, color and style than the others.
   c. Add rules for your anchor elements controlling the link-states :link, :hover, :active, and :visited. These could be changes in `color, background-color` or `text-decoration` properties.
   d. Attach a background image of your choice to the header. This image should be smaller than 100kb in size.
   e. Any other CSS you can think of - try something new!

SUBMITTING YOUR WORK

Please submit a compressed archive file (.zip or .rar is fine) containing your site files directly to this assignment on Blackboard. **ALSO** upload this assignment to a web server and submit the URL to your live page. You can submit the URL as a part of the BlackBoard submission.

EVALUATION

Please refer to the chart (assessment rubric) below. You will be graded on how well you followed the assignment instructions from both a technical and a creative perspective as spelled out in the rubric. This project is weighted 10% of your total mark for this course.

Criteria	Mark
Technical Evaluation	**0-5**
There are directories for stylesheets and images which are named using lowercase letters. Instances of paths to the files contained within are correct.	
All instances of the style attribute in index.html have been removed. The HTML remains well formatted after the move and the resulting mark-up is still valid.	
The steps in the challenge have all been attempted and the resulting rendering of index.html in the browser looks very similar to the original page.	
Creative Evaluation	**0-5**
CSS is applied efficiently using properly built selectors, properties and values. There is evidence of "inheritance, order and specificity" in action.	
The CSS is formatted clearly and consistently, with nested elements always tabbed in from the left margin to visually indicate structure.	
CSS code comments have been used to organize style rules.	
A background image is attached to the header, which is under 100kb and makes creative use of other background properties like *position, size* and *repeat*.	
Additional CSS has been added to the page which is effective and interesting.	
Total	**/40**