

Project 5 – Progressive Enhancement through CSS and jQuery Events

Initial Review – Plain Old HTML

1. Open **color_theory.html** in a browser and notice all the content is accessible (you can read every paragraph).
2. Click any of the links and notice they jump to named anchors. (You will have to shrink your browser window to really see this in action.)
3. Open the HTML file in your text editor and familiarize yourself with the HTML structure.

With no CSS and no JavaScript, the site functions. But – we can offer a fuller experience to some.

Pretty It Up with CSS

1. Edit the HTML to link to the supplied CSS file and then view the page in your browser. Test the links.

All the content is still accessible, but the layout is a little nicer now. A benefit to those who can see the CSS formatting.

Add Interactivity with JavaScript

Here's a list of the required functionality in no particular order:

- Only the introductory paragraph should display on page load. All other 'color paragraphs' should be hidden.
- When a link is clicked, its default behavior (jumping down to the named anchor) should not execute. In fact, when a link is clicked, nothing should even change in the browser's address bar.
- All of this should also happen when a link is clicked, and much of this can be made to happen by using the provided body classes in the CSS :
 - The page background color should change to match that of the clicked color
 - The only paragraph that should display is that of the selected color
 - The image should change to show the color sample image
 - The image should receive a `title` attribute that reads *sample of [color]* where *[color]* is the selected color.
 - The link that was clicked should be marked as such, using the `.selectedColor` class already provided in the CSS

Restrictions

- You may NOT edit the CSS
- You may not edit the HTML except to link to the CSS, jQuery, and your JavaScript file
- Your HTML must validate

Do This in the HTML

1. Link to the provided jQuery file and then link to a yet-to-be-created JavaScript file named **project5.js**.
2. Arrange the CSS, jQuery, and project5 links in the best/appropriate order and in the best/appropriate location.

Then...

3. Create the **project5.js** file and begin it with a 'document-ready' block. Reserve this block for initializing page elements or calling a function. Create your function(s) outside of 'document-ready' as necessary.

Finally, Write Your JavaScript Code

4. Write the necessary code to accomplish the interactivity outlined in the **Add Interactivity with JavaScript** section above.

Need a Hint?

Here is a basic logic map:

In `$('document').ready(function() {});`

1. Hide all paragraphs except the first one on page load
2. When anchors are clicked, call a function to implement the rest of the changes

Outside `$('document').ready(function() {});` in your own single function

1. Hide all paragraphs (as a reset when any link is clicked)
2. Get the color the user clicked
3. Show only the paragraph for the clicked color
4. Replace the image
5. Add the `title` to the image
6. Remove the `.selectedColor` class from all links (in case one already had that class)
7. Apply the `.selectedColor` class to the clicked link
8. Change the body's class so it takes on the CSS changes
9. Stop the default behavior of the links

This project can be completed with:

- 2 lines of code inside the `$('document').ready(function() {});` block.
- 11 lines of code inside your own function block.