# Changes Documentation: Tom’s Online Portfolio

## HTML

### Current .html

The current index.html included in the deployment package is the final and refined version of the .html file. The changes that occurred in the process are documented in the next section. Also, some comments can be found within the .html file that indicate some of the changes made in the process.

### Changes in the process

#### Nav Bar

* At first, made the mistake of using a forward slash BEFORE the image directory for the website logo (href="/images/logo.svg"). Removed the forward slash after I tested and saw that the logo was not displayed properly. These changes are not reflected in the DOM chart.
* Page nav links had a forward slash before the page .html file (href=“/index.html”). Tested and saw that those links don’t work either. Removed forward slash. Tested again – Links are functions. These changes are not reflected in the DOM chart.

#### Hero Section

* All the content within this section initially was enclosed with another <div> that was later removed as there was no need for it. The original version can be seen in the DOM chart
* The “Contact Me!” button was edited to being encolsed within an <a> link element to serve as an in-page link that will send the user to the contact section on this page. The DOM chart shows it as being primarily a button element as initially intended.

#### Skills Section

* Switched from using <h3> elements for the individual skills (as illustrated in the DOM chart) to using <ul> and <ol> elements to make better use of the elements according to the assignment requirements.

#### Featured Project Section

No changes were made in this section in the process

#### Contact (Let’s Chat) Section

No changes were made in this section in the process

#### Footer

* The email address within the <td> element was enclosed within an <a> link element with a mailto: href to make the email address text send the user to sending an email from their preferred email app on their device.
* When tested, found out that the link email address link does not work. Reversed to having an <a> element within a <td> element (opposite). Tested again - Email link is working now.

## CSS

### Brand Guide vs. Final

* Changed the font sizes for the headings and paragraph in the final CSS document use the em unit rather than pixels to find the right size ratio between the text and the general aesthetic of the webpage.
* Branding guide did not include any spacing specifications as I wanted to leave that for the testing part to be able to find what works best visually.
* H2 font-weight was changed for the hero section to allow for better visual hierarchy between the different text elements.

### Testing Results and Changes in the Process

When first starting to put together the CSS document, I started with establishing the main classes and their style to achieve the overall desired look of the page. As I was testing the webpage I realized that I needed more customization to allow for a more refined look that would align with my vision. To achieve that, I made some minor changes to the HTML file to allow for more styling with CSS, as well as I added quite a few more custom CSS classes that targeted very specific elements to achieve the look I was going for.

### Styling changes made along the way

One of the main styling changes along the way was changing the background-color of the different sections to make the webpage more interesting looking. I had to look up a few new CSS attributes and features on W3Schools to find the right tools to create the layout I was going for.

### Feedback

One interesting point of feedback was that the hero section with the photo and introduction was blending in too much and did not stand out. I remedied that by changing the background colour of the hero section from the dark forest green that is in the style guide, to the bright lemon yellow. I also adjusted the colours of the elements within the hero section to create contrast and readability.