**HTML Basics:**

* Open VS Code, inside of Demos>HTML-CSS>basics create new file called index.html.
* Type ! Followed by Tab to generate a SIMPLE HTML TEMPLATE with typical BOILERPLATE tags (DOCTYPE, html, head with nested metas and title, and body). Discuss the significance of attributes of the tags.
* Make a <p> within <body> and use Lorem50 to generate 50 words of Lorem. Try Lorem500, Lorem4 etc.
* Apply inline tags b, i, s. Then apply tags strong, em, del. The latter 3 are HTML5 semantic tags meant to replace the former 3.

**HTML Attributes:**

* Open index.html file created in previous demo, and open it in a live server
* Add an anchor tag with no href attribute to the html and demonstrate its lack of functionality (basically a paragraph tag)
* Add an href attribute with the value of https://www.google.com/ and demonstrate the new functionality
* Add an img tag with no src attribute to the html, and show that nothing loads in the browser
* Add a src attribute to the img tag with the value https://picsum.photos/200, show that the image now loads in the browser
* Add an input tag to the html and show that, by default, a text input loads in the browser
* Give the input tag a type attribute with the value of checkbox, show students that the input has changed completely
* Give the checkbox a disabled attribute, point out that it doesn’t require a value
* Demonstrate that the checkbox no longer functions

**Landing Page:**

* Open Demos>HTML-CSS in VS Code
* Create a new branch called “html-css”, and switch to it
* Create a new folder called “skill-check” (students will call their folder “html-css”)
* Create a new file called “index.html” – this will be our landing/bio page
* Create a new file called “style.css” – this will be our css file for the whole project (students can use multiple CSS files if they want)
* Add boilerplate HTML to index.html, update the document title to “<Your Name> Bio”
* Link to the style.css stylesheet in index.html
* Open the browser responsive design tools and select a mobile layout – remind students that their project should be designed mobile first
* Begin creating a webpage with a bio paragraph, hobbies list, and profile photo