

Laboratory 03 – CSS

Task 01

Open the provided HTML document (on Teams in your “L03\Handouts” folder) inside Visual Studio Code. Create a new CSS document named “myStyles.css”. Include the file “myStyles.css” in the “index.html” document.

Task 02

Apply the following formatting

All fonts within the body use the following font family: Arial, Helvetica, sans-serif.

All `<h1>` elements within the document:

- Font color: RGB(75, 75, 75)
- All uppercase letters (set in CSS as modifier, the HTML may contain lowercase letters, but CSS should force them all to uppercase)

All `<p>` elements within the document:

- Font color: gray
- Font size: 1.2 em

All `<p>` elements that are inside of a div

- Font style: italic

All `<a>` elements:

- Remove the underline text decoration
- Font weight: bold
- Add 10 pixels of padding around the links

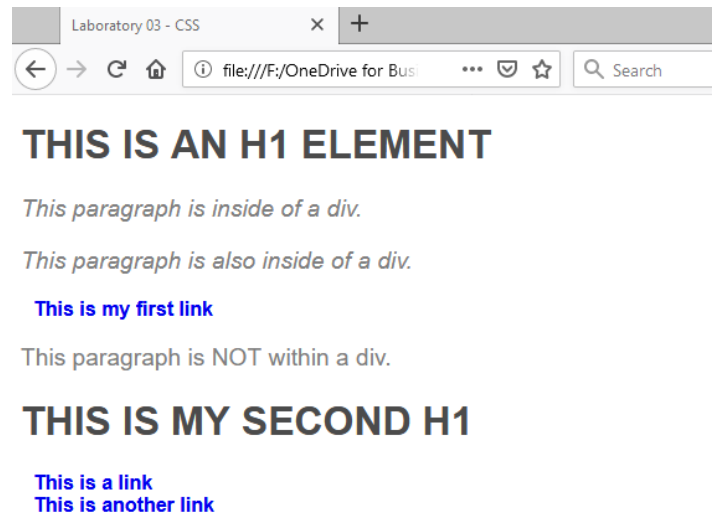


Figure 1. Rendering of how your work should look like so far.

Task 03

Create the following HTML elements in your “index.html” file.

A div with class “big-blue-border”. Inside of this <div> create the below elements:

- An <h1> with contents “Task 03”
- A <p> with ID “myFirstPara” containing some random text
- A <p> with ID “mySecondPara” containing some random text

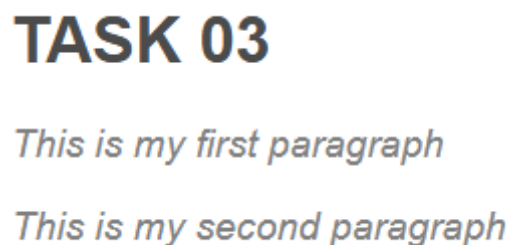


Figure 2. Task 03 up until this point

Now, apply the following styles.

For class “big-blue-border” a solid blue border with width of 10 pixels and a background color of orange, padding of 20 pixels top and bottom and 5 pixels on the sides and margins of 50 pixels all around.

For the paragraph with ID “myFirstPara” set the font color to green and the font size to 2rem.

For the paragraph with ID “mySecondPara” set the background color to white and remove the italic formatting.

Notice how the ID selectors have priority over the class selectors!



Figure 3. The rendering of Task 03 complete
(I know, it's so beautiful it makes you wanna cry...)

Task 04

Add three `<div>` elements to your HTML page. Style them as follows:

- The first div is yellow, has a width and a height of 100 pixels
- The second div is pink, has a width of 50% and a height of 10em
- The third div is powderblue (yes, that's a color...) and has a width and a height of 10rem



Figure 4. Div rendering from Task 04

Now position the divs as follows:

- The yellow div should be fixed, 10 pixels from the top and 0 pixels from the left
- Push the pink div to the right by 200 pixels
- Position the powderblue div 500 pixels from the top of the page and 20% from the left margin

Note: resize to browser window to make it smaller and scroll the page to better see the effect of positioning.

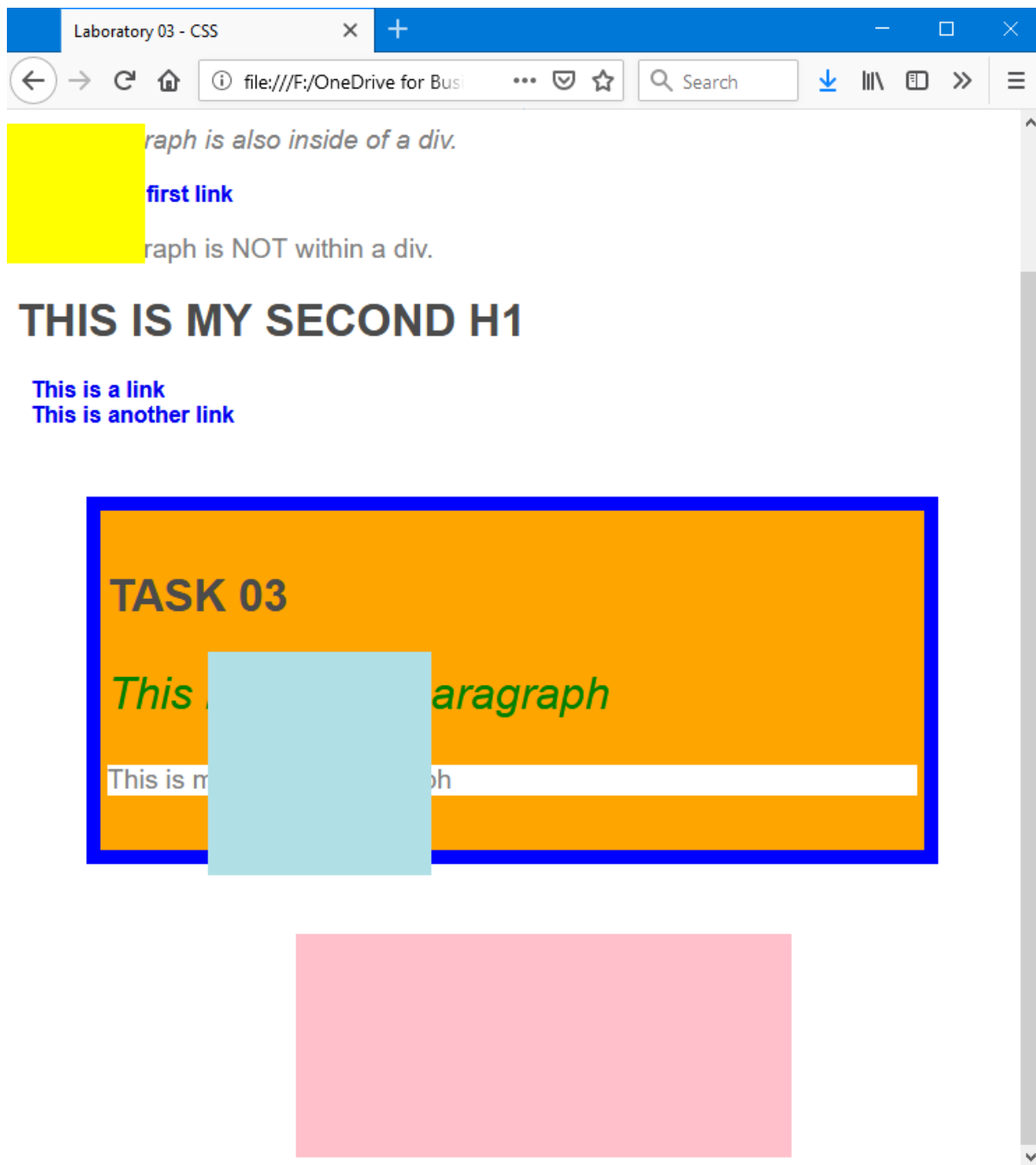


Figure 5. Task 04 rendering after is has been completed

Task 05

Style the divs from Task 04 so that the following cursors are displayed when hovering over them:

- Yellow div: pointer
- Pink div: progress
- Powderblue div: help

Finally, upload the HTML and CSS file that resulted from today's work to the assignment in Teams! Don't forget to hit the "Hand in" button after you are done!

Homework

Create a web page with the specifications presented in Figure 6 and below:

- Page title: “L03 Homework”
- Page font family: Cambria, Cochin, Georgia, Times, 'Times New Roman', serif
- Page font size: 20px
- Page font color: #333333
- Quotation (second paragraph):
 - Italics font
 - Font color: #999999
 - Font size: 90% of default
 - Position: pushed 50px to the right
- “My table”:
 - Font color: lightsalmon
- Table
 - Border: collapsed, 1 px, lightgrey, solid
 - Padding: 10 px top and bottom, 5px left and right
 - Table header row: bolded with lightsalmon background
 - Odd table rows have a #aaaaaa colored background

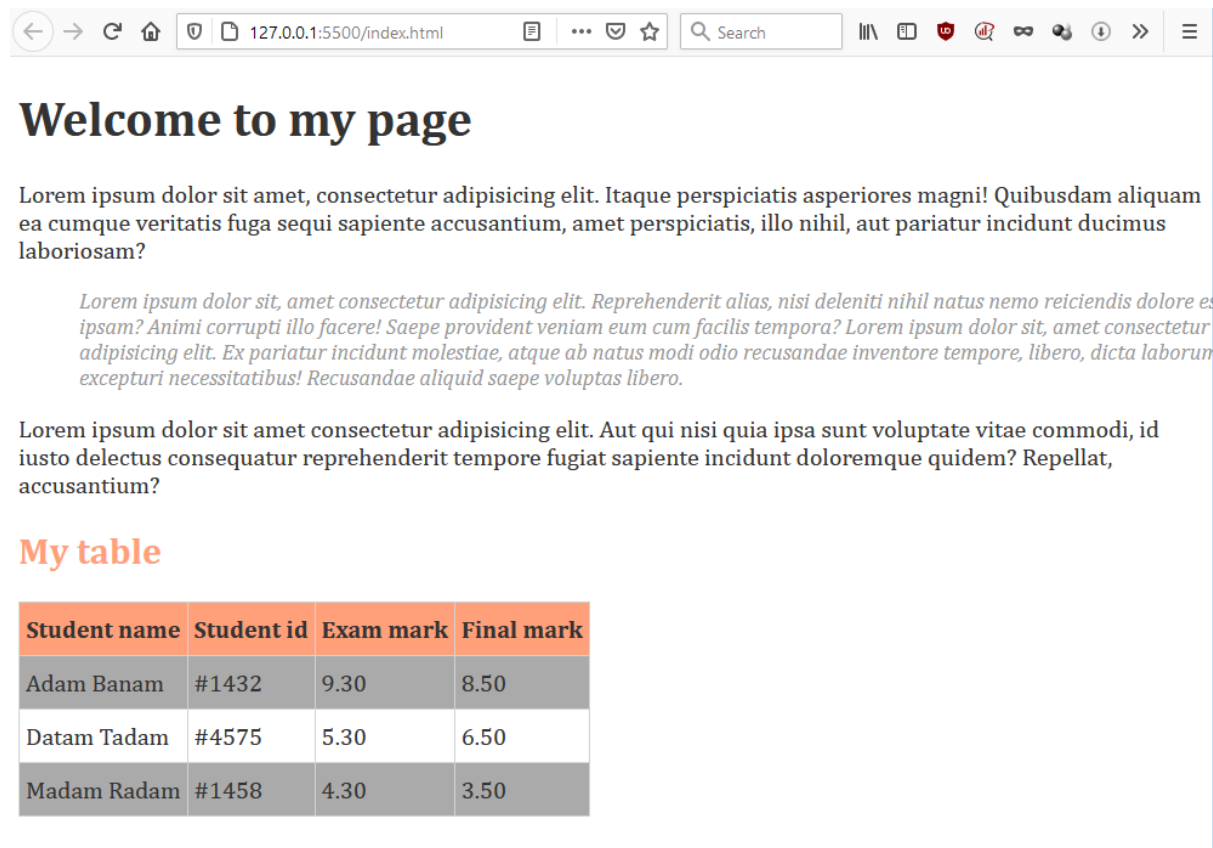


Figure 6. Homework rendering