


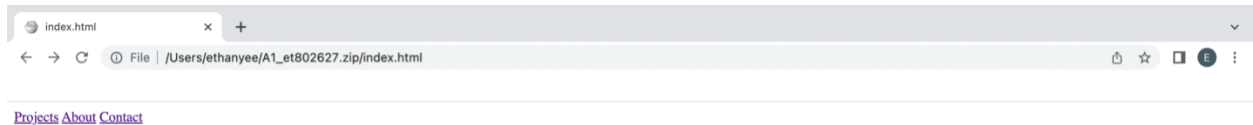
Part 1: Code Review

Current code snippet:

A screenshot of a code editor with a dark theme. On the left, a file explorer shows a project structure with files like 'Contact.html', 'favicon.ico', 'funnyAudio.m4a', 'index.html', 'LinDan.jpeg', and 'Low-Fidelity Prototype'. The main editor area shows HTML code for a navigation bar. It includes a <nav> tag with three links: Projects, About, and Contact. The code is partially enclosed by <body>, <header>, and </body> tags.

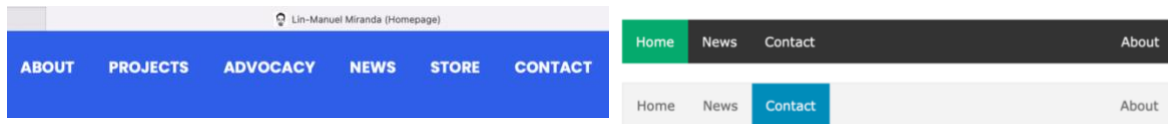
Code snippet of my navigation structure

Current outcome:



Outcome of the code snippet above

Desired outcome:



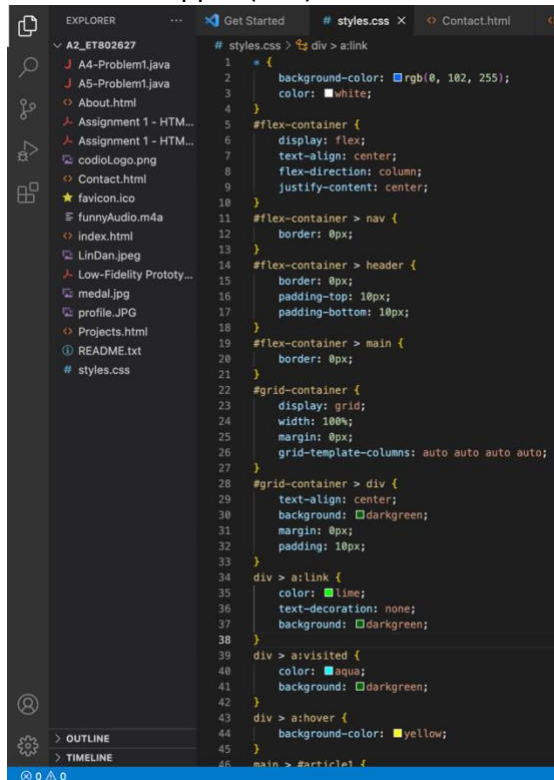
For my desired outcome I would like my navigation structure to be similar to the images above and the following description. I would like it to have the different links/webpages (About, Projects, Contact, etc...) to be spaced evenly and have no underline like the blue image above. Also for the navigation structure to be a different colour than the rest of the page, similar to the other two navigation structures above to the right.

New code snippet (HTML):

A screenshot of a code editor with a dark theme. On the left, a file explorer shows a project structure with files like 'Contact.html', 'favicon.ico', 'funnyAudio.m4a', 'index.html', 'LinDan.jpeg', 'Low-Fidelity Prototype', and 'medal.jpg'. The main editor area shows HTML code for a navigation bar. It includes a <nav id="grid-container"> tag with four links: Home, Projects, About, and Contact. The code is enclosed within <body id="flex-container"> and </body> tags.

To improve the current outcome, I implemented div tags around all of the anchor tags, since I thought that using div tags would be easier when using grid. I also implemented id attributes ("flex-container", "grid-container") for elements to match id selectors that I used to use flexbox and grid.

New code snippet (CSS):



```
# styles.css > div > a:link
1 * {
2   background-color: rgb(0, 102, 255);
3   color: white;
4 }
5 #flex-container {
6   display: flex;
7   text-align: center;
8   flex-direction: column;
9   justify-content: center;
10 }
11 #flex-container > nav {
12   border: 0px;
13 }
14 #flex-container > header {
15   border: 0px;
16   padding-top: 10px;
17   padding-bottom: 10px;
18 }
19 #flex-container > main {
20   border: 0px;
21 }
22 #grid-container {
23   display: grid;
24   width: 100%;
25   margin: 0px;
26   grid-template-columns: auto auto auto auto;
27 }
28 #grid-container > div {
29   text-align: center;
30   background: darkgreen;
31   margin: 0px;
32   padding: 10px;
33 }
34 div > a:link {
35   color: lime;
36   text-decoration: none;
37   background: darkgreen;
38 }
39 div > a:visited {
40   color: aqua;
41   background: darkgreen;
42 }
43 div > a:hover {
44   background-color: yellow;
45 }
46 main > #article1 {
```

To improve the current outcome:

I used flexbox to keep the navigation structure at the top of the page and to align each link at the center of the structure.

I used grid to put the links in a dark green container where they would be in an evenly spaced row.

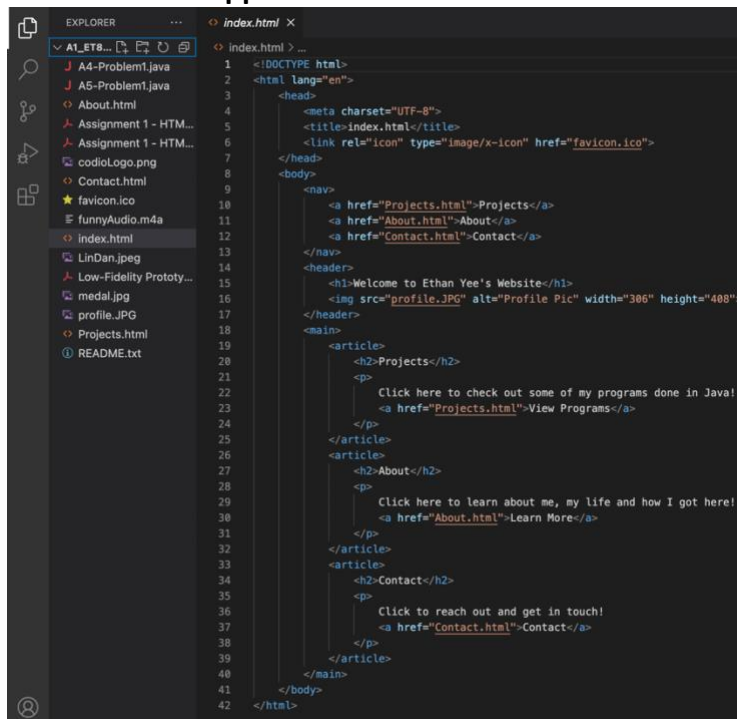
I used a child selector and pseudo-class selectors to make the links appear lime when unvisited, aqua when visited and with no underline. Also to have the links highlighted in yellow when hovered over by the mouse cursor.

Updated outcome:



Outcome as a result of the new code snippets above

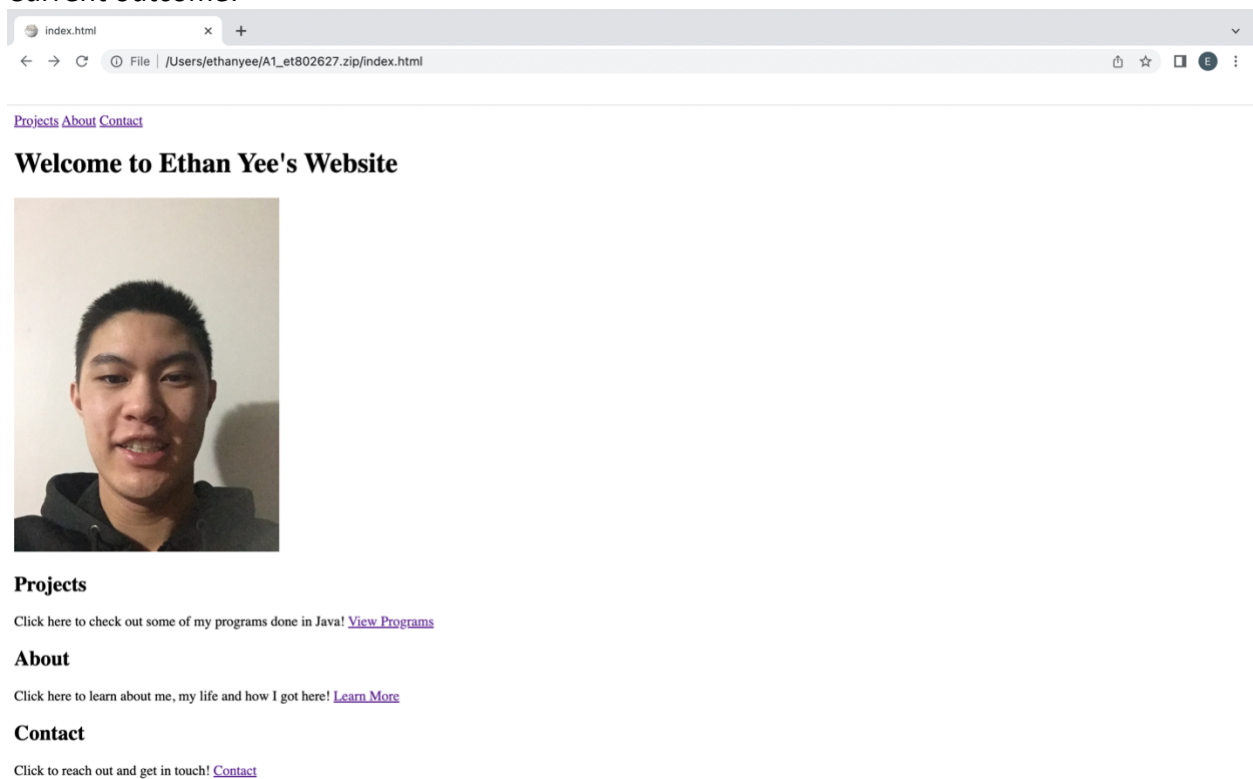
Current code snippet:



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <title>index.html</title>
6   <link rel="icon" type="image/x-icon" href="favicon.ico">
7 </head>
8 <body>
9   <nav>
10    <a href="Projects.html">Projects</a>
11    <a href="About.html">About</a>
12    <a href="Contact.html">Contact</a>
13  </nav>
14  <header>
15    <h1>Welcome to Ethan Yee's Website</h1>
16    
17  </header>
18  <main>
19    <article>
20      <h2>Projects</h2>
21      <p>
22        Click here to check out some of my programs done in Java!
23        <a href="Projects.html">View Programs</a>
24      </p>
25    </article>
26    <article>
27      <h2>About</h2>
28      <p>
29        Click here to learn about me, my life and how I got here!
30        <a href="About.html">Learn More</a>
31      </p>
32    </article>
33    <article>
34      <h2>Contact</h2>
35      <p>
36        Click to reach out and get in touch!
37        <a href="Contact.html">Contact</a>
38      </p>
39    </article>
40  </main>
41 </body>
42 </html>
```

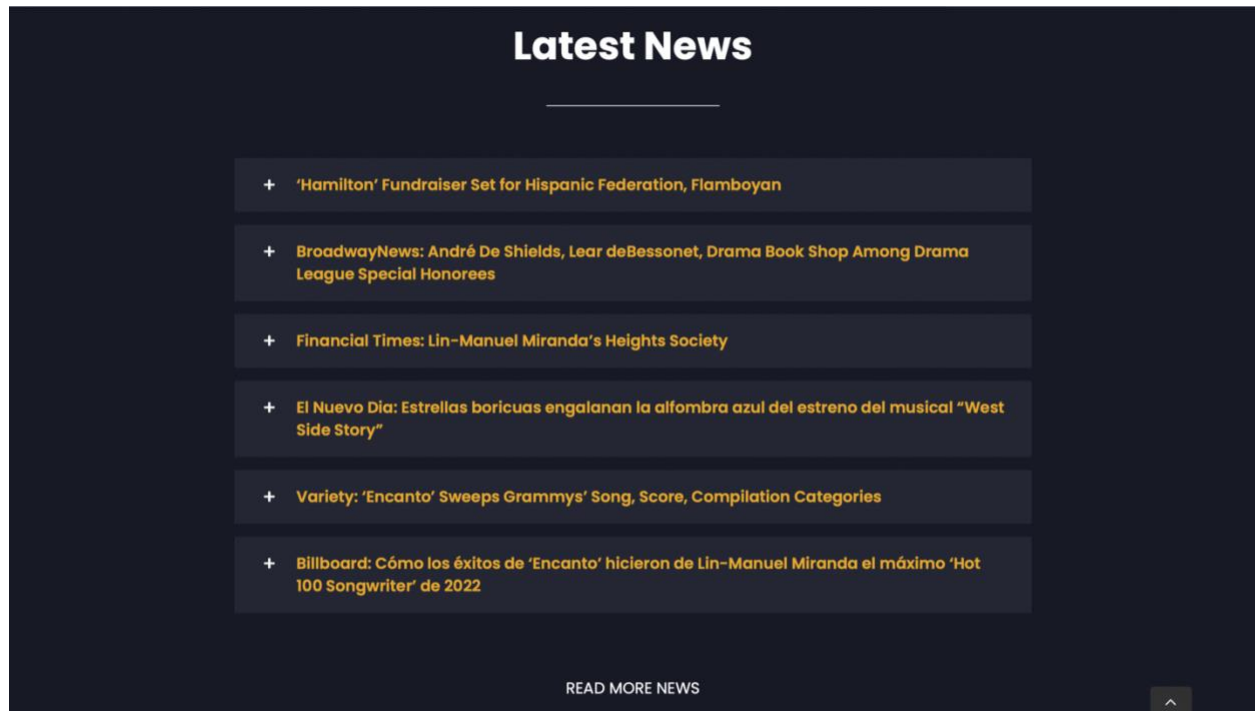
Code snippet of my homepage
(index.html)

Current outcome:



Outcome of the code snippet above

Desired outcome:



For my desired outcome I would like my homepage (index.html) to be similar to the image above and the following description. I would like the contents to be centered where different sections of the page and website would be separated, like the image above.

New code snippet (HTML):

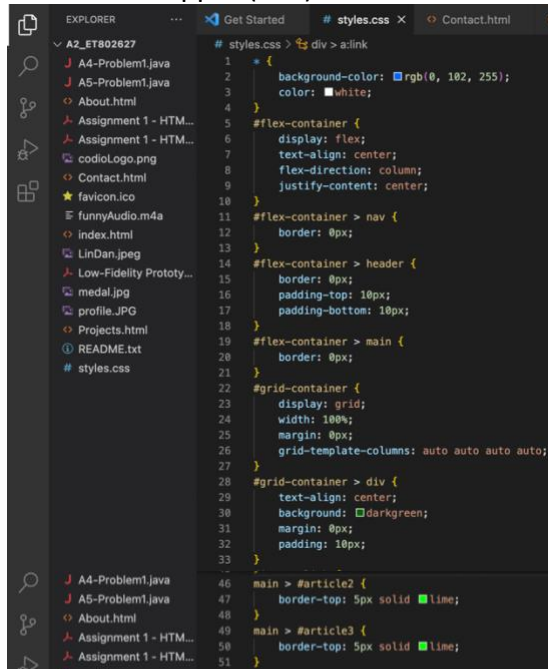
```
EXPLORER  Get Started  # styles.css  Contact.html  Projects.html  README.txt
└─ A2_ET802627
  └─ A4-Problem1.java
  └─ A5-Problem1.java
  └─ About.html
  └─ Assignment 1 - HTM...
  └─ Assignment 1 - HTM...
  └─ codioLogo.png
  └─ Contact.html
  └─ favicon.ico
  └─ funnyAudio.m4a
  └─ index.html
  └─ LinDan.jpeg
  └─ Low-Fidelity Prototy...
  └─ medal.jpg
  └─ profile.JPG
  └─ Projects.html
  └─ README.txt
  └─ styles.css

1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <meta charset="UTF-8">
5     <title>index.html</title>
6     <link rel="icon" type="image/x-icon" href="favicon.ico">
7     <link href="styles.css" rel="stylesheet">
8   </head>
9   <body id="flex-container">
10    <nav id="grid-container">
11      <div><a href="index.html">Home</a></div>
12      <div><a href="Projects.html">Projects</a></div>
13      <div><a href="About.html">About</a></div>
14      <div><a href="Contact.html">Contact</a></div>
15    </nav>
16    <header>
17      <h1>Welcome to Ethan Yee's Website</h1>
18      
19    </header>
20    <main>
21      <article id="article1">
22        <h2>Projects</h2>
23        <p>
24          Click here to check out some of my programs done in Java!
25          <a href="Projects.html">View Programs</a>
26        </p>
27      </article>
28      <article id="article2">
29        <h2>About</h2>
30        <p>
31          Click here to learn about me, my life and how I got here!
32          <a href="About.html">Learn More</a>
33        </p>
34      </article>
35      <article id="article3">
36        <h2>Contact</h2>
37        <p>
38          Click to reach out and get in touch!
39          <a href="Contact.html">Contact</a>
40        </p>
41      </article>
42    </main>
43  </body>
44 </html>
```

To improve the current outcome, I implemented div tags around all of the anchor tags, which helped me center the nav structure with the use of flexbox and grid.

I also implemented id attributes ("flex-container", "grid-container", "article1", "article2", "article3") for elements to match id selectors that I used to use flexbox, grid and child selectors.

New code snippet (CSS):



```
# styles.css > div > a:link
1
2 background-color: rgb(0, 102, 255);
3 color: white;
4
5 #flex-container {
6   display: flex;
7   text-align: center;
8   flex-direction: column;
9   justify-content: center;
10 }
11 #flex-container > nav {
12   border: 0px;
13 }
14 #flex-container > header {
15   border: 0px;
16   padding-top: 10px;
17   padding-bottom: 10px;
18 }
19 #flex-container > main {
20   border: 0px;
21 }
22 #grid-container {
23   display: grid;
24   width: 100%;
25   margin: 0px;
26   grid-template-columns: auto auto auto auto;
27 }
28 #grid-container > div {
29   text-align: center;
30   background: darkgreen;
31   margin: 0px;
32   padding: 10px;
33 }
34
35 main > #article2 {
36   border-top: 5px solid lime;
37 }
38
39 main > #article3 {
40   border-top: 5px solid lime;
41 }
```

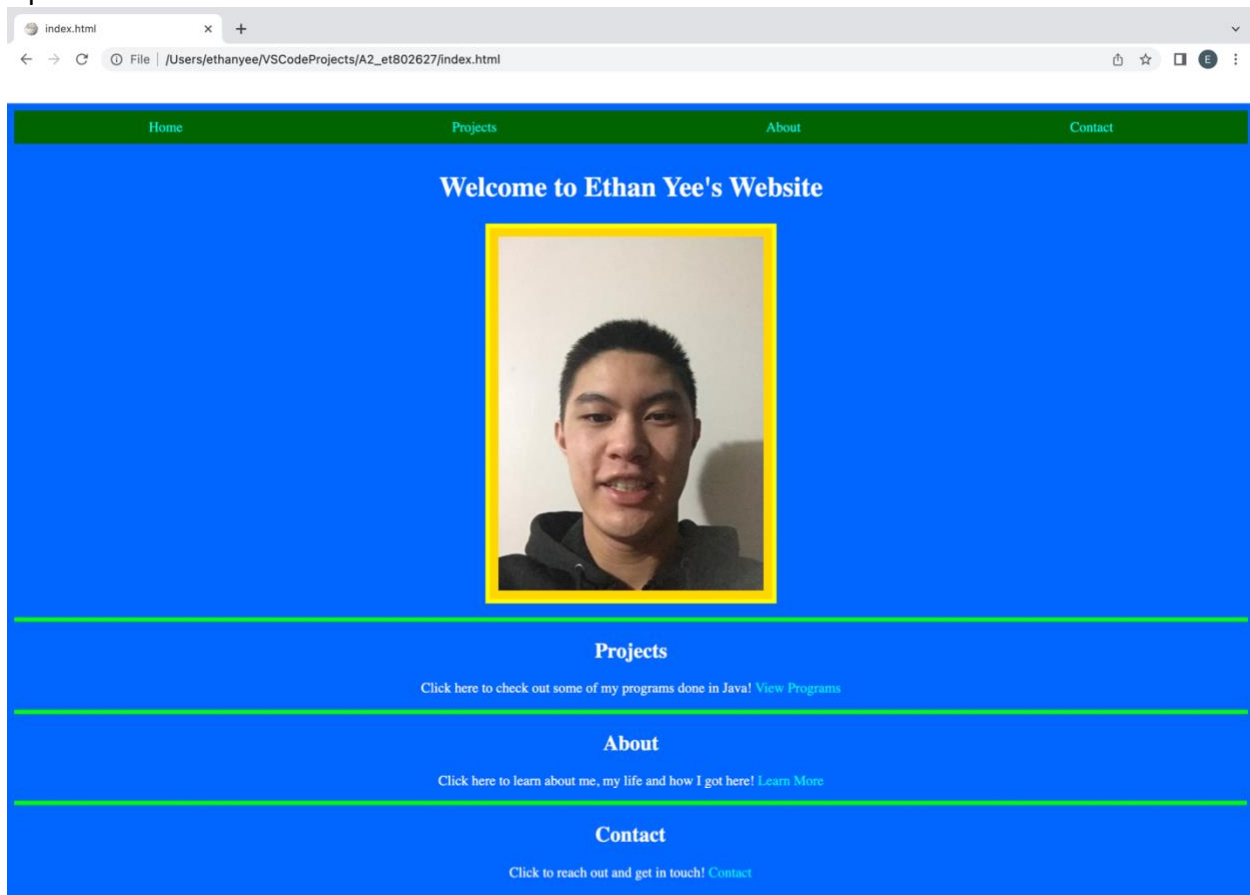
To improve the current outcome:

I used flexbox to align the contents of the page to the center in the desired order. As well as to add a lime coloured border between the header and main.

I used grid to center the nav structure, along with flexbox

I used a child selector and id selectors to create lime coloured borders between all of the article tags.

Updated outcome:



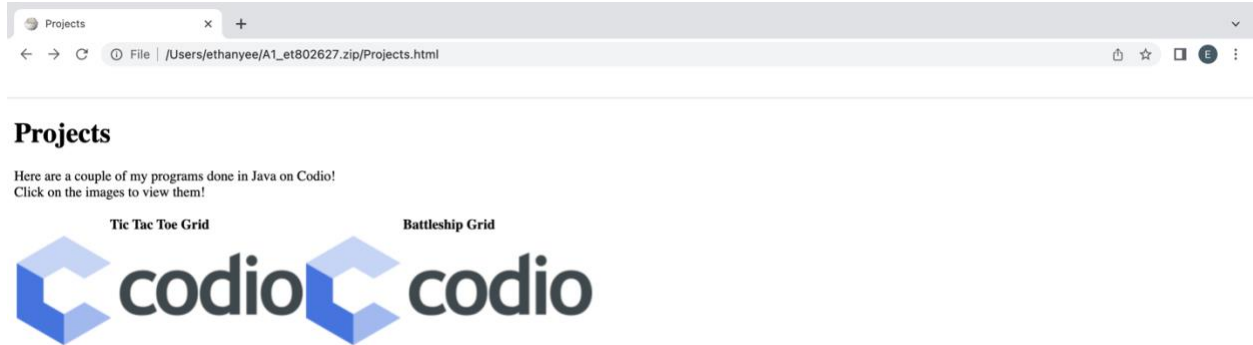
Outcome as a result of the new code snippets above

Current code snippet:

```
11 <table>
12 <tr>
13 <th>Tic Tac Toe Grid</th>
14 <th>Battleship Grid</th>
15 </tr>
16 <tr>
17 <td><a href="A4-Problem1.java"></a></td>
18 <td><a href="A5-Problem1.java"></a></td>
19 </tr>
20 </table>
21 </body>
22 </html>
```

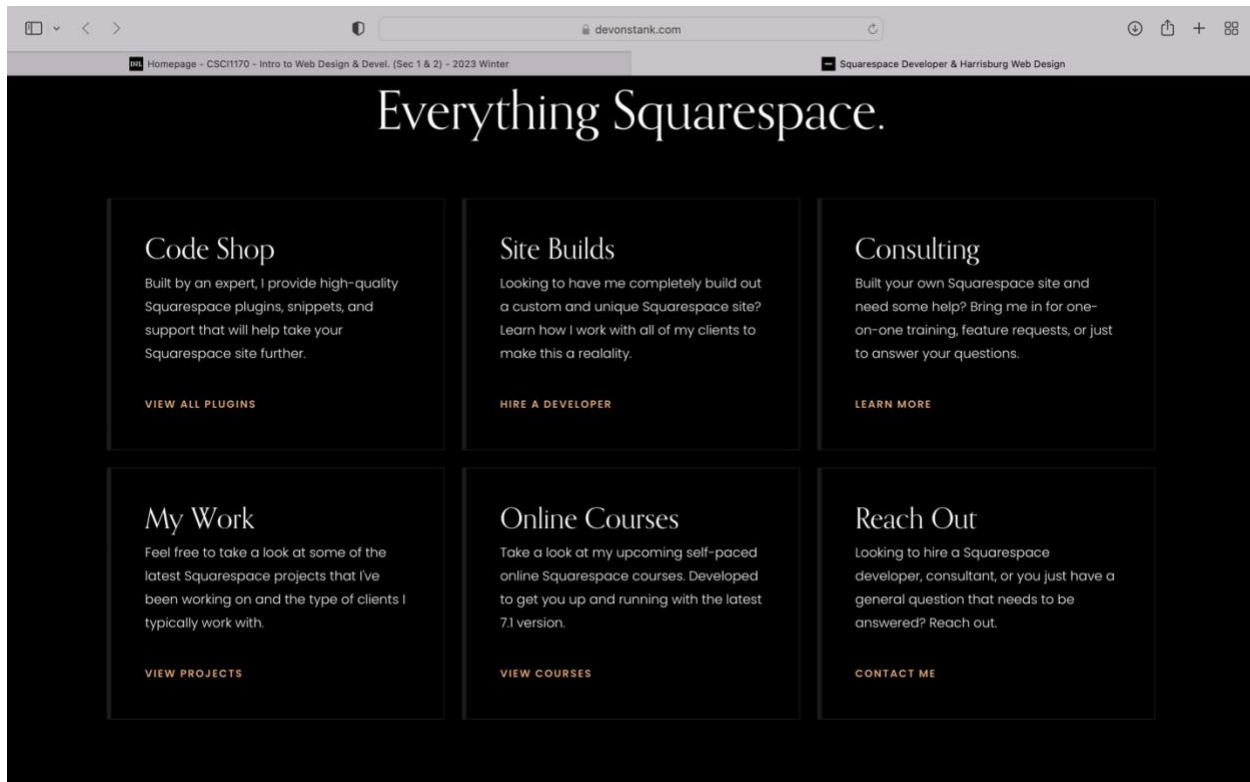
Code snippet of the table on my Projects page (Projects.html)

Current outcome:



Outcome of the code snippet above

Desired outcome:



For my desired outcome I would like the table on my projects page (Projects.html) to be similar to the image above and the following description. I would like the table to be formatted in a layout that has the contents neatly lined up and spaced out with not really any table borders, similar to the image above.

New code snippet (HTML):



To improve the current outcome, I implemented id attributes ("projects") for elements to match id selectors that I use.

New code snippet (CSS):



```
# styles.css
57 }
58 img[alt~="Link"] {
59   border: 5px solid darkorchid;
60   padding: 10px;
61   margin: 2px;
62   background-color: darkmagenta;
63 }
64 p > a:link {
65   color: lime;
66   text-decoration: none;
67 }
68 p > a:visited {
69   color: aqua;
70 }
71 table {
72   width: 100%;
73 }
74 #half-table {
75   width: 75%;
76   border: 5px outset green;
77   border-collapse: collapse;
78 }
79 th {
80   height: 25px;
81   vertical-align: top;
82   text-align: left;
83   border: 5px solid lime;
84   padding: 5px;
85 }
86 td {
87   vertical-align: top;
88   text-align: left;
89   border: 5px solid lime;
90   padding: 5px;
91 }
92 #projects {
93   text-align: center;
94   border: 0px;
95 }
```

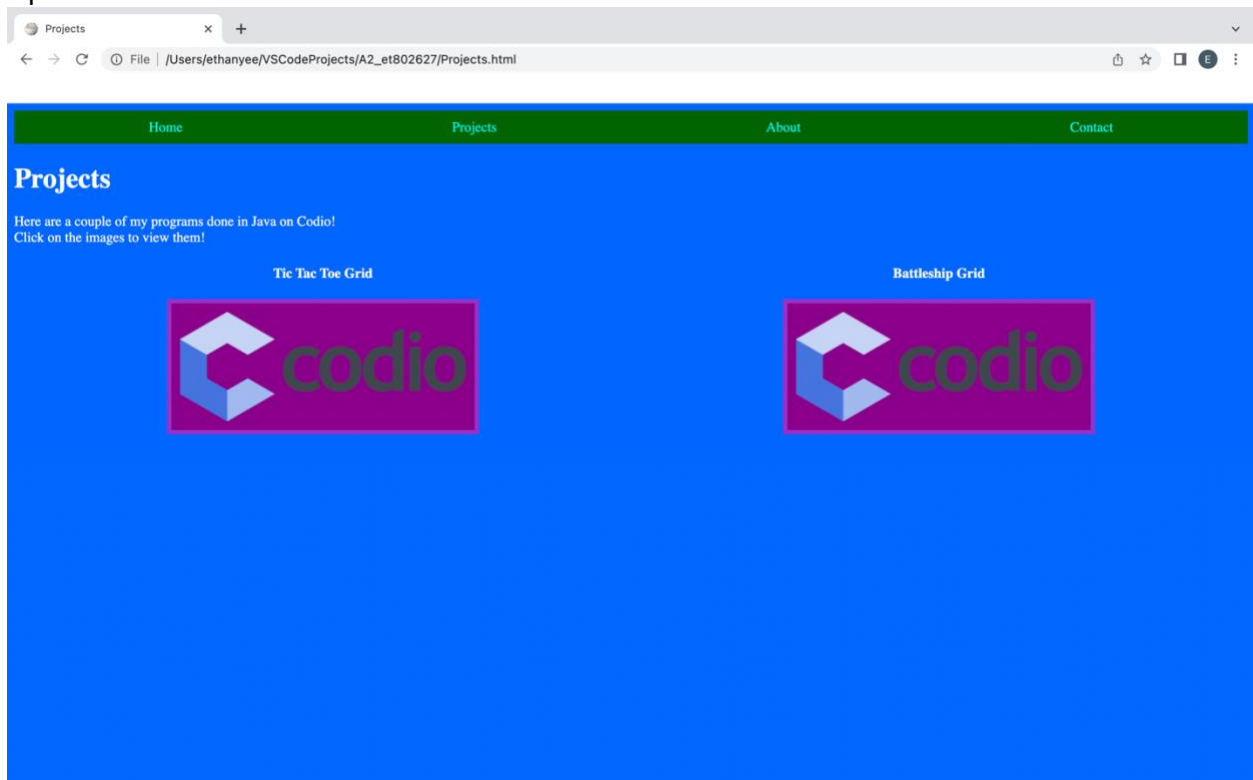
To improve the current outcome:

I used an attribute selector to style the image links of the table with some colour, a border, padding and margin.

I made the table span the full width of the page with the table element selector

I used an id selector to align the contents of the table to the center and to make the table have no border.

Updated outcome:



Outcome as a result of the new code snippets above

Current code snippet:

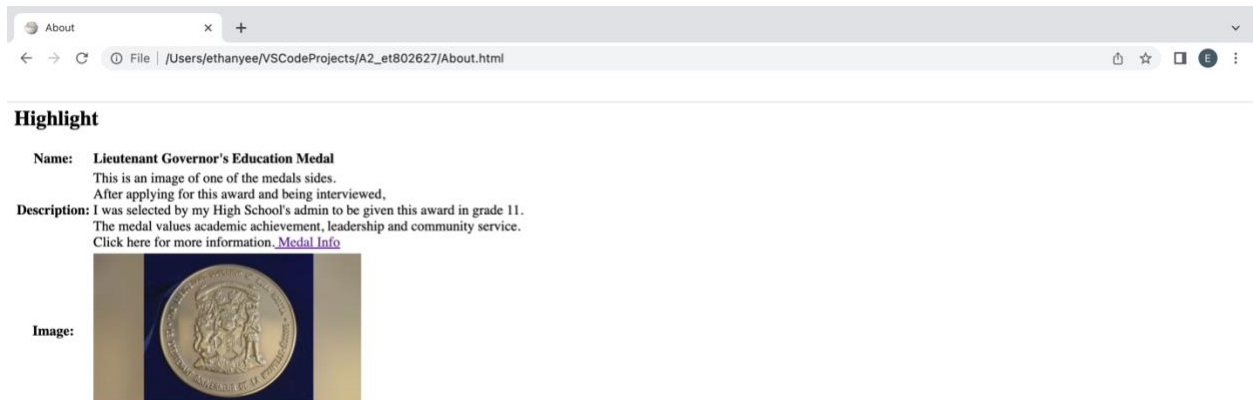
```

36 <table>
37 <tr>
38 <th>Name:</th>
39 <td><strong>Lieutenant Governor's Education Medal</strong></td>
40 </tr>
41 <tr>
42 <th>Description:</th>
43 <td>This is an image of one of the medals sides.<br>
44 After applying for this award and being interviewed,<br>
45 I was selected by my High School's admin to be given this award in grade 11.<br>
46 The medal values academic achievement, leadership and community service.<br>
47 Click here for more information.<a href="https://lt.gov.ns.ca/awards/awards#23" target="_blank"> Medal Info</a></td>
48 </tr>
49 <tr>
50 <th>Image:</th>
51 <td></td>
52 </tr>
53 </table>

```

Code snippet of the table with the medal image on my About page (About.html)

Current outcome:



Outcome of the code snippet above

Desired Outcome:

Firstname	Lastname	Savings
Peter	Griffin	\$100
Lois	Griffin	\$150
Joe	Swanson	\$300

For my desired outcome I would like the table with the medal on my about page (About.html) to be similar to the example image of the table above and the following description. I would like the table to be formatted in a layout where the contents would be aligned to the left horizontally and to the top vertically. As well with some borders.

New code snippet (HTML):

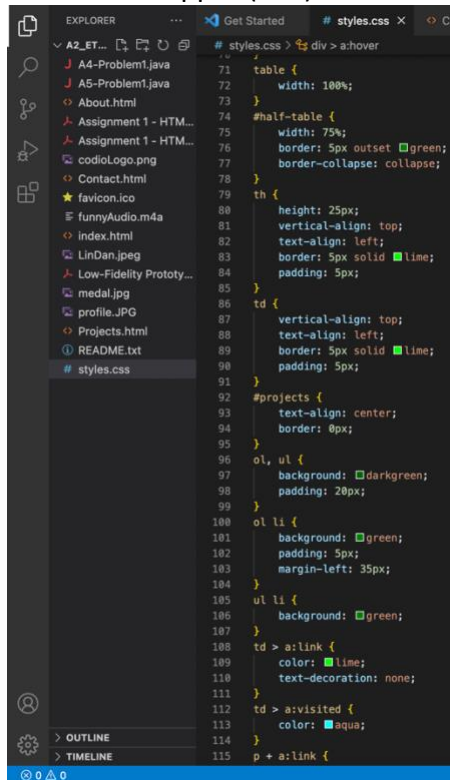
```

43 <table id="half-table">
44 <tr>
45 <th>Name:</th>
46 <td><strong>Lieutenant Governor's Education Medal</strong></td>
47 </tr>
48 <tr>
49 <th>Description:</th>
50 <td>This is an image of one of the medals sides.<br>
51 After applying for this award and being interviewed,<br>
52 I was selected by my High School's admin to be given this award in grade 11.<br>
53 The medal values academic achievement, leadership and community service.<br>
54 Click here for more information.<a href="https://lt.gov.ns.ca/awards/awards#23" target="_blank"> Medal Info</a></td>
55 </tr>
56 <tr>
57 <th>Image:</th>
58 <td></td>
59 </tr>
60 </table>

```

To improve the current outcome, I implemented id attributes ("half-table") for elements to match id selectors that I use.

New code snippet (CSS):



To improve the current outcome:


I used an id selector to create the width and the outer border of the table.

I used the th element selector to edit all of the th boxes of the table by adding height, aligning the contents to the left horizontally and to the top vertically, adding borders and padding.

I used the td element selector to edit all of the td boxes of the table by aligning the contents to the left horizontally and to the top vertically, adding borders and padding.

I used a child selector and pseudo-class selectors to make the links appear lime when unvisited, aqua when visited and with no underline.

Updated outcome:

Highlight	
Name:	Lieutenant Governor's Education Medal
Description:	This is an image of one of the medals sides. After applying for this award and being interviewed, I was selected by my High School's admin to be given this award in grade 11. The medal values academic achievement, leadership and community service. Click here for more information. Medal Info
Image:	

Outcome as a result of the new code snippets above

Current code snippet:

```
58 <table>
59 <tr>
60 <td><h3>Badminton</h3>
61 <td>Badminton is my favourite sport!
62 <br><br>
63 <td>The image on the right is a picture of one of my favourite badminton players, "Lin Dan"
64 <br><br>
65 <td>This is a link to my favourite badminton website!<a href="https://bwfbadminton.com" target="_blank"> BWF</a></td>
66 </tr>
67 </table>
68
```

Code snippet of the table with the image of Lin Dan on my About page (About.html)

Current outcome:

Badminton

Badminton is my favourite sport!

The image on the right is a picture of one of my favourite badminton players, "Lin Dan"

This is a link to my favourite badminton website! [BWF](https://bwfbadminton.com)



Outcome of the code snippet above

Desired Outcome:

Firstname	Lastname	Savings
Peter	Griffin	\$100
Lois	Griffin	\$150
Joe	Swanson	\$300

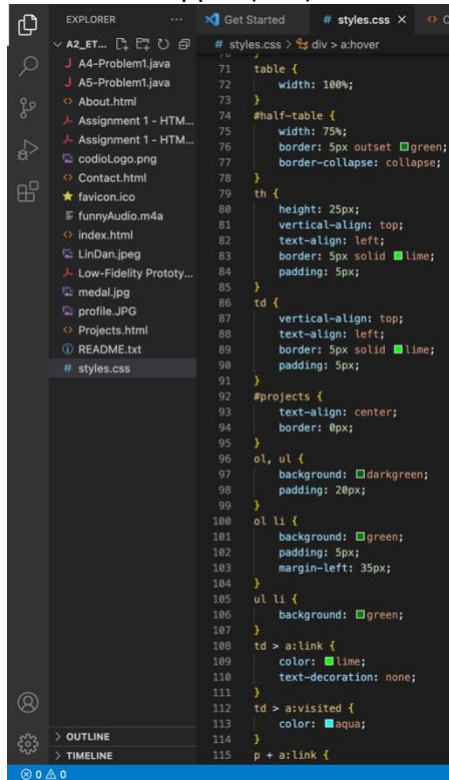
For my desired outcome I would like the table with the image of Lin Dan on my about page (About.html) to be similar to the example image of the table above and the following description. I would like the table to be formatted with borders and in a layout where the contents would be aligned to the top vertically.

New code snippet (HTML):

```
65 <table id="half-table">
66 <tr>
67 <td><strong>Badminton</strong>
68 <br><br>
69 <td>Badminton is my favourite sport!
70 <br><br>
71 <td>The image on the right is a picture of one of my favourite badminton players, "Lin Dan"
72 <br><br>
73 <td>This is a link to my favourite badminton website!<a href="https://bwfbadminton.com" target="_blank"> BWF</a></td>
74 </tr>
75 </table>
76
```

To improve the current outcome, I implemented id attributes ("half-table") for elements to match id selectors that I use.

New code snippet (CSS):



To improve the current outcome:

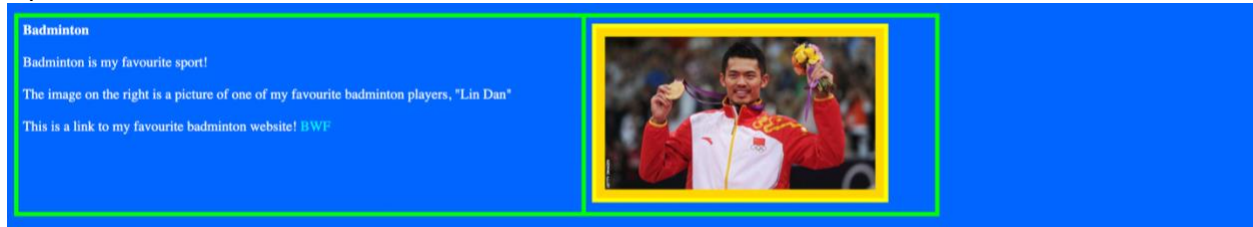
I used an id selector to create the width and the outer border of the table.

I used the th element selector to edit all of the th boxes of the table by adding height, aligning the contents to the left horizontally and to the top vertically, adding borders and padding.

I used the td element selector to edit all of the td boxes of the table by aligning the contents to the left horizontally and to the top vertically, adding borders and padding.

I used a child selector and pseudo-class selectors to make the links appear lime when unvisited, aqua when visited and with no underline.

Updated outcome:



Outcome as a result of the new code snippets above