Part 1: Code Review

**Current code snippet:**



Code snippet of my navigation structure

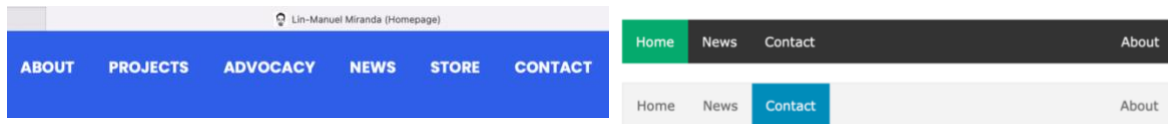Current outcome:
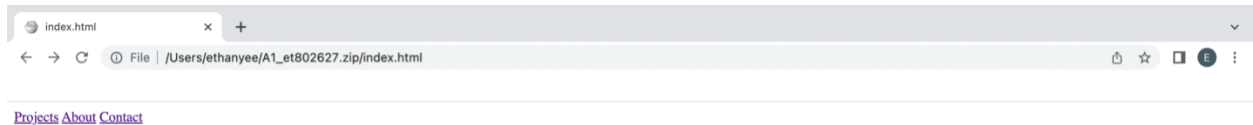


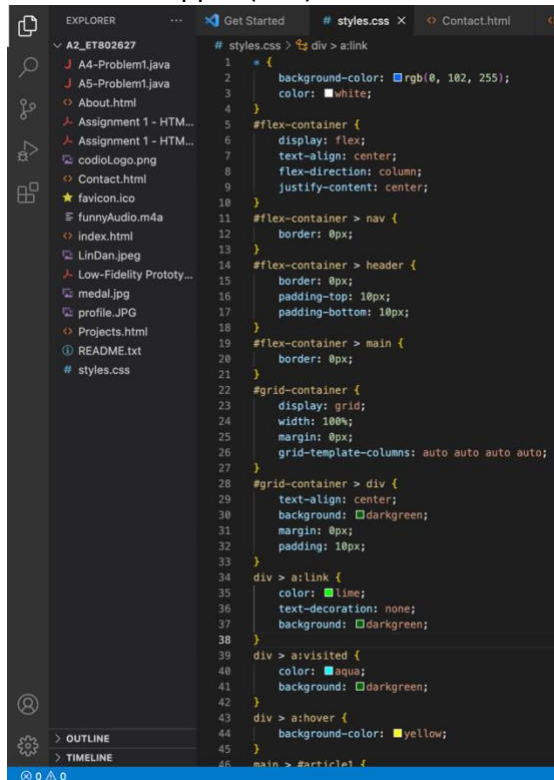Outcome of the code snippet above

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):



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):



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.

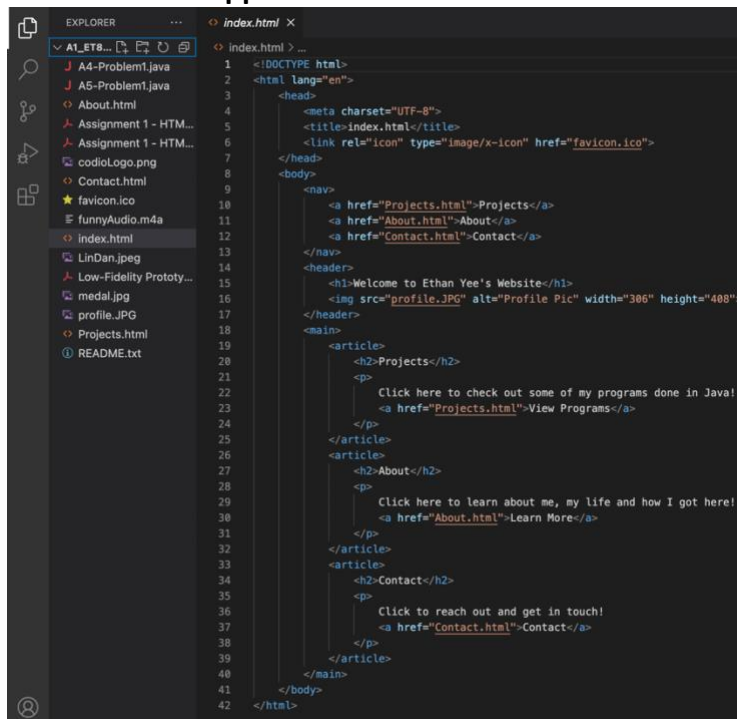I used a child selector and pseudo-class selectors to make the links appear lime when unvisited, aqua when visited and with no underline. Also to have the links highlighted in yellow when hovered over by the mouse cursor.

Updated outcome:



Outcome as a result of the new code snippets above

**Current code snippet:**



Code snippet of my homepage (index.html)

Current outcome:
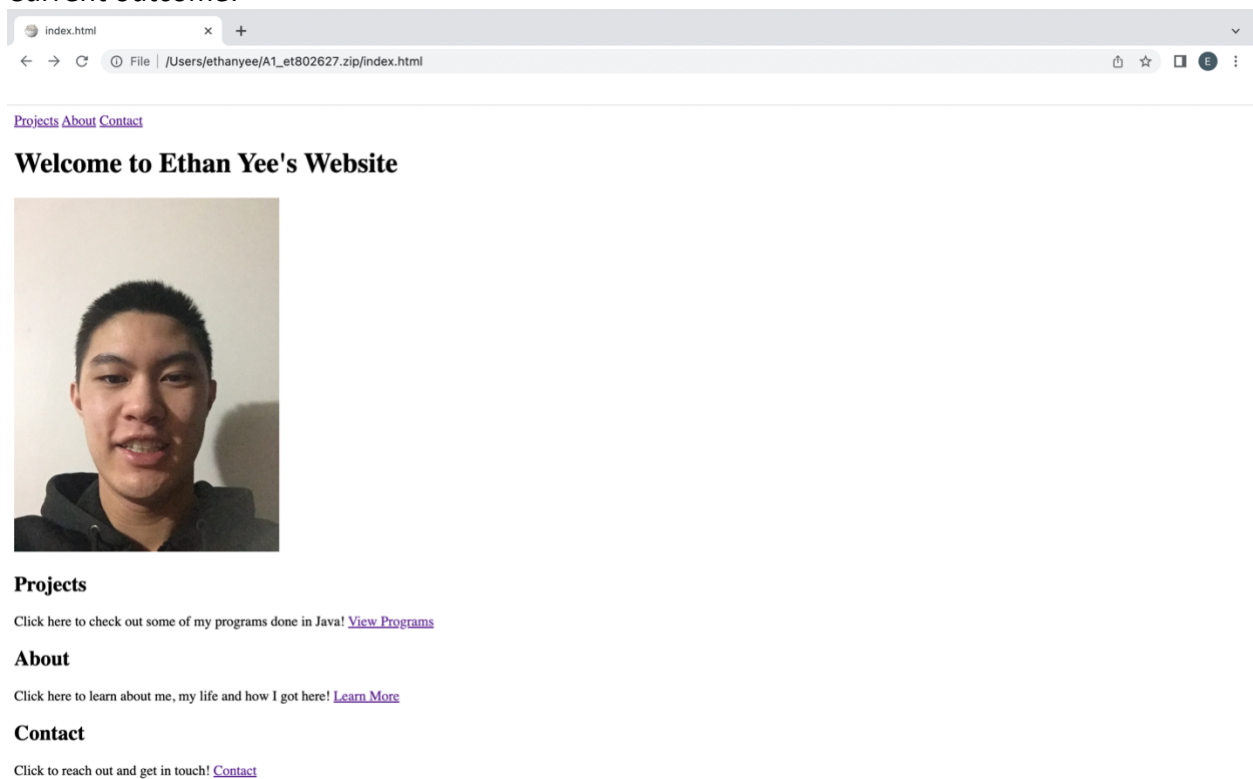


Outcome of the code snippet above
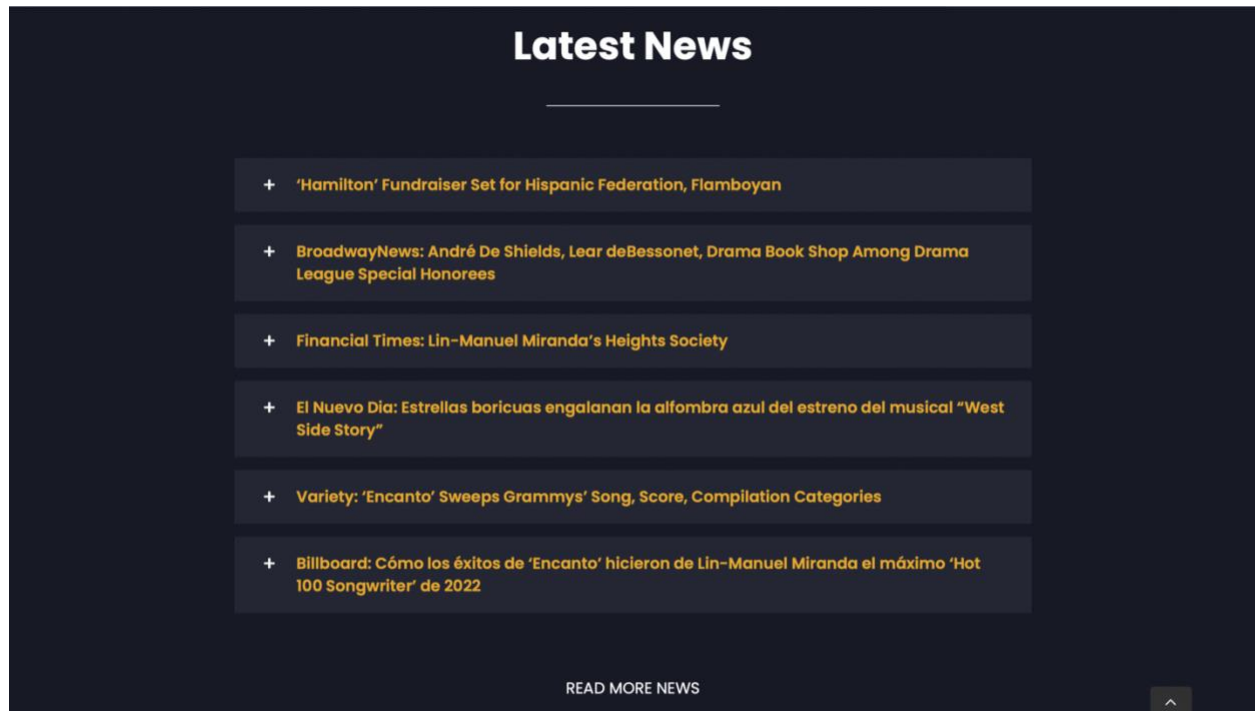
Desired outcome:



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):



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):



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:
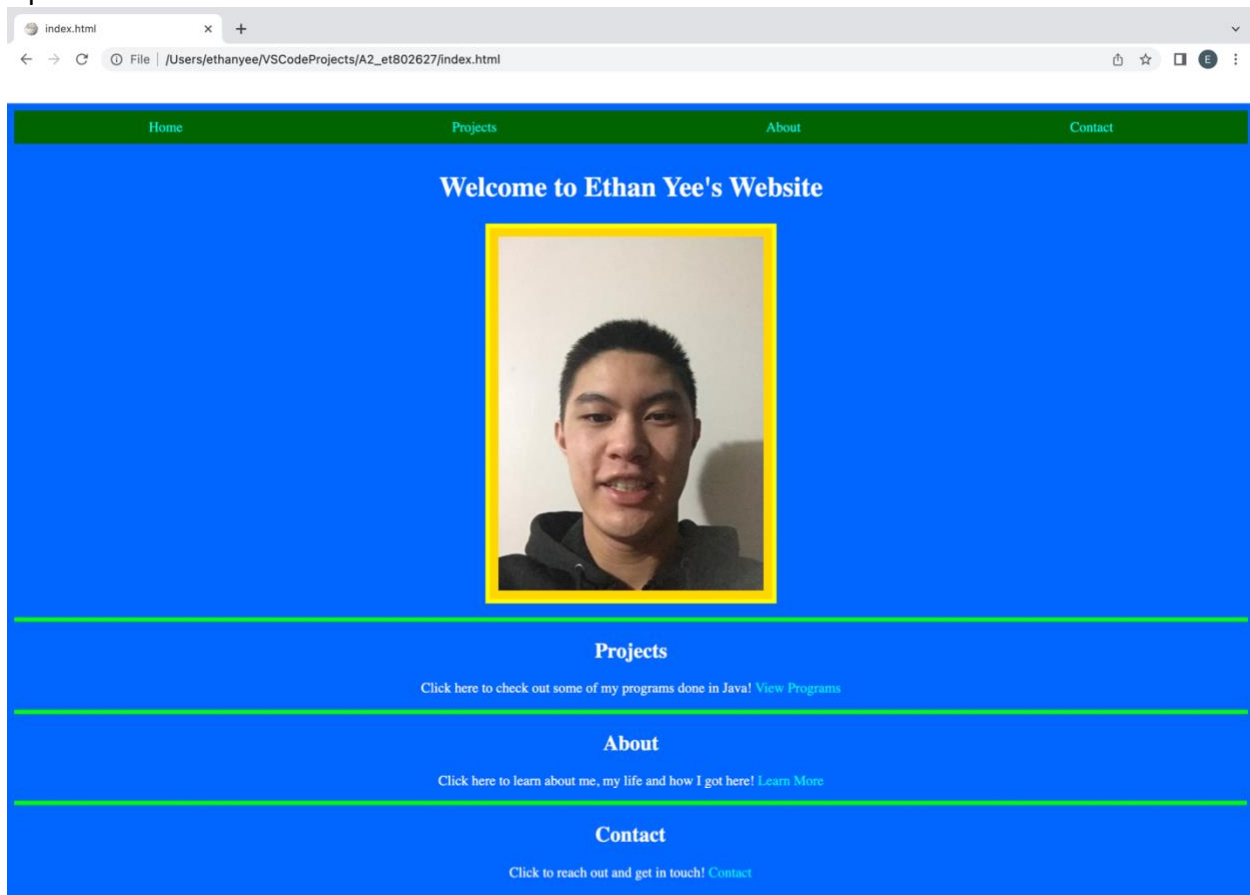


Outcome as a result of the new code snippets above

**Current code snippet:**



```
    funnyAudio.m4a      11          <table>
    index.html          12              <tr>
    LinDan.jpeg         13                  <th>Tic Tac Toe Grid</th>
    Low-Fidelity Prototy... 14              <th>Battleship Grid</th>
    medal.jpg           15              </tr>
    profile.JPG         16              <tr>
    Projects.html       17                  <td><a href="A4-Problem1.java"><img src="codioLogo.png" alt="Link to Assignment4 using Codio logo"></a></td>
    README.txt          18                  <td><a href="A5-Problem1.java"><img src="codioLogo.png" alt="Link to Assignment5 using Codio logo"></a></td>
                        19              </tr>
                        20          </table>
                        21      </body>
                        22  </html>
```

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

**Current outcome:**
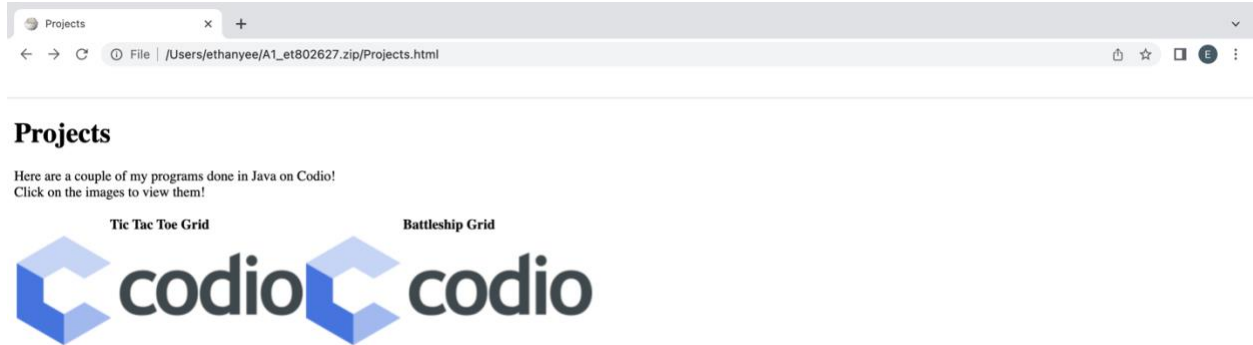


Outcome of the code snippet above
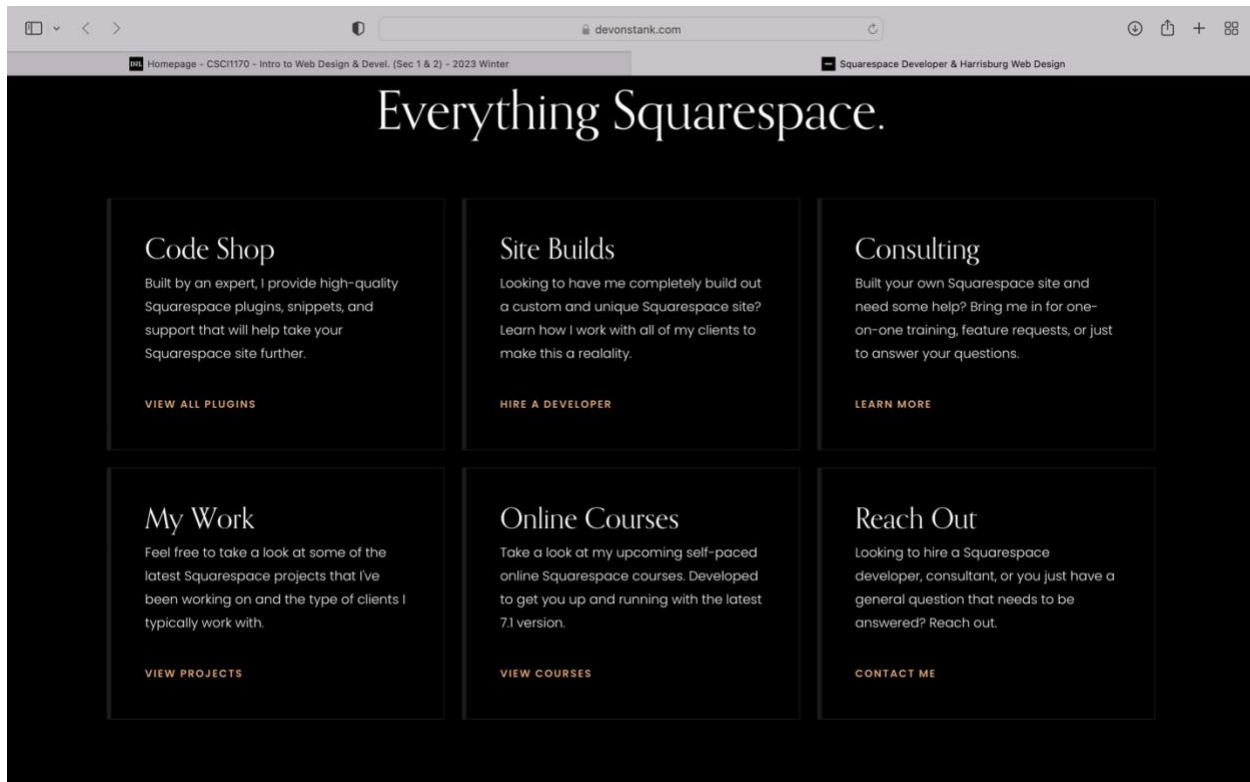
Desired outcome:



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):



```html
<table>
    <tr>
        <th id="projects">Tic Tac Toe Grid</th>
        <th id="projects">Battleship Grid</th>
    </tr>
    <tr>
        <td id="projects"><a href="A4-Problem1.java"><img src="codioLogo.png" alt="Link to Assignment4 using Codio logo"></a></td>
        <td id="projects"><a href="A5-Problem1.java"><img src="codioLogo.png" alt="Link to Assignment5 using Codio logo"></a></td>
    </tr>
</table>
</body>
</html>
```

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

New code snippet (CSS):



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:**



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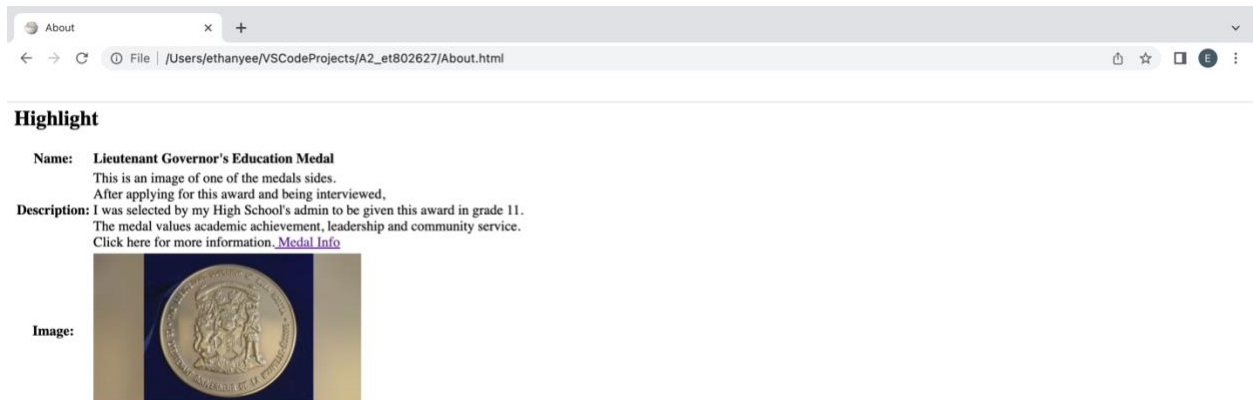
**Current outcome:**



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):**



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

New code snippet (CSS):



```css
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    }
96    ol, ul {
97        background: darkgreen;
98        padding: 20px;
99    }
100   ol li {
101       background: green;
102       padding: 5px;
103       margin-left: 35px;
104   }
105   ul li {
106       background: green;
107   }
108   td > a:link {
109       color: lime;
110       text-decoration: none;
111   }
112   td > a:visited {
113       color: aqua;
114   }
115   p + a:link {
```
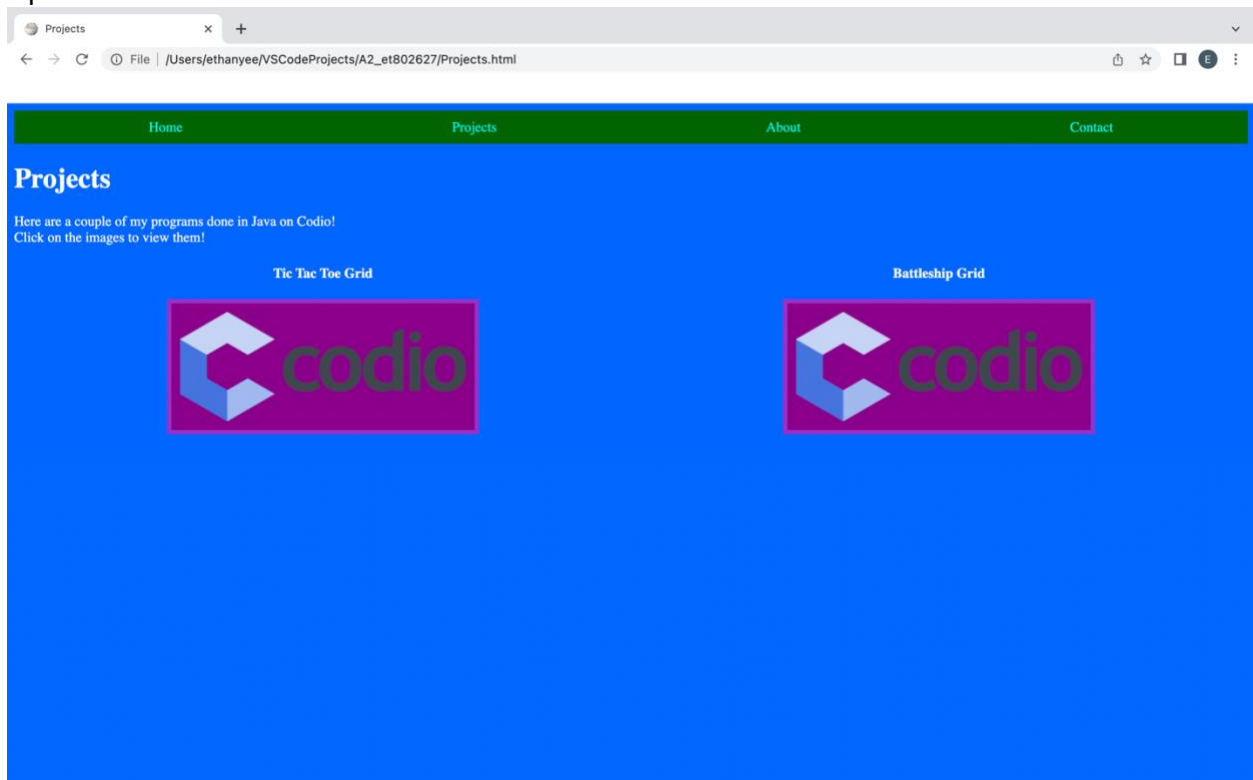
To improve the current outcome:

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

**Current code snippet:**

```
58    <table>
59        <tr>
60            <td><h3>Badminton</h3>
61                Badminton is my favourite sport!
62                <br><br>
63                The image on the right is a picture of one of my favourite badminton players, "Lin Dan"
64                <br><br>
65                This is a link to my favourite badminton website!<a href="https://bwfbadminton.com" target="_blank"> BWF</a></td>
66            <td><img src="LinDan.jpeg" alt="Picture of Lin Dan" width="312" height="176"></td>
67        </tr>
68    </table>
```

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

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                Badminton is my favourite sport!
70                <br><br>
71                The image on the right is a picture of one of my favourite badminton players, "Lin Dan"
72                <br><br>
73                This is a link to my favourite badminton website!<a href="https://bwfbadminton.com" target="_blank"> BWF</a></td>
74            <td><img src="LinDan.jpeg" alt="Picture of Lin Dan" width="312" height="176"></td>
75        </tr>
76    </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):
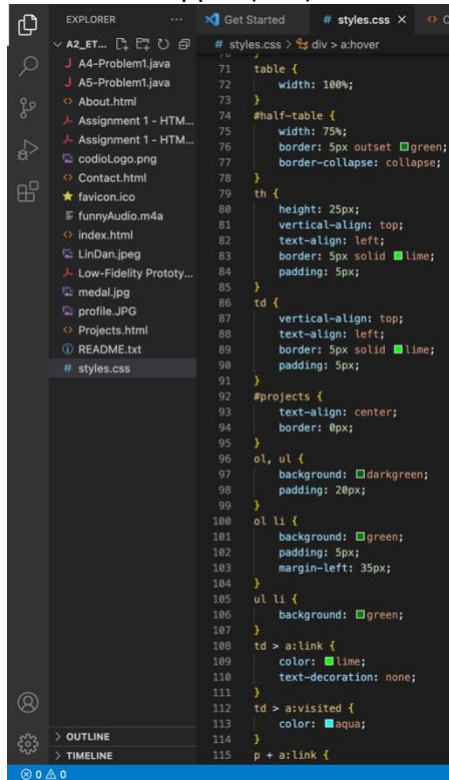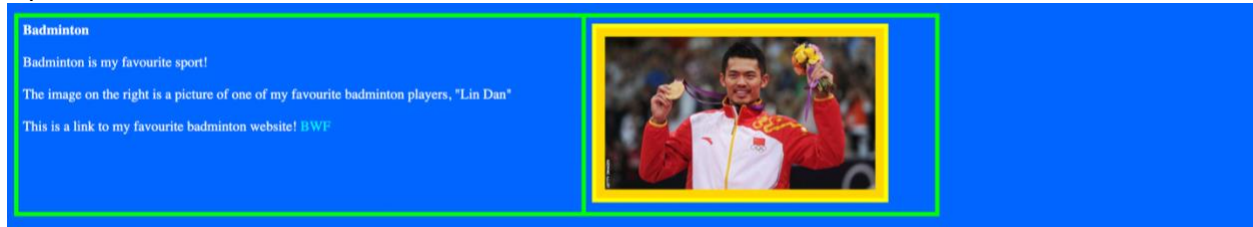


To improve the current outcome:

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:



Outcome as a result of the new code snippets above