Code Review - CSCI 1170 Assignment 2

Images

Code:

```
    </p>
<br>
<br><br><br><br>
    <center><img src="Images/Imagefam.jpg" alt="Picture of me and my family" width=30% height=30%><BR>
    <img src="Images/me.jpg" alt="Picture of me at the train station" width=20% height=20%>
   <img src="Images/milo.jpg" alt="My dog milo at the dog park" width=20% height=20%><br></center>
<br><br>
<h2>Favourite Song</h2>
```

Current Outcome:

Desired Outcome:

I find that the sharp corners of the image don't really fit the website as it stands right now. What I'd like to do is round just the corners of the images as I think they would then not look so out of place.

Updated code:

Same HTML code

```
img {
  border-radius: 8px;
}
```

New Outcome:

Navigation Bar

Code:

```
<div class="topnav">
  <a href="index.html" href="Page1.html">Home</a>
  <a href="About Me.html" href="Page1.html">About Me</a>
  <a href="Career.html" href="page2.html" >Career</a>
  <a href="TravelandPhotos.html" href="TravelandPhotos.html" >Travel and Photos</a>
</div>
```

Current Outcome:

Desired Outcome:

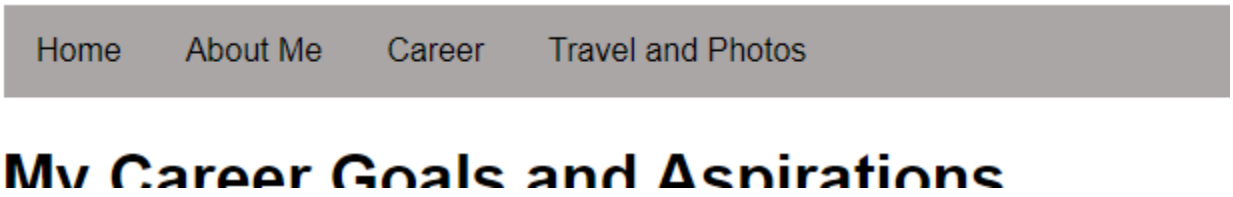
In this case I think the most important improvement is just the visual presentation of the nav bar. I think the best way to improve this is to use stylized links to add an actual visible top navigation bar rather than just text links.

Updated Code:

```
<nav>
  <ul>
  <li><a href="index.html" >Home</a></li>
  <li><a href="About Me.html" >About Me</a></li>
  <li><a href="Career.html">Career</a></li>
  <li><a href="TravelandPhotos.html">Travel and Photos</a></li>
  </ul>
</nav>
```

```css
nav ul {
  list-style-type: none;
  margin: 0;
  padding: 0;
  overflow: hidden;
  border: 1px solid #ffffff;
  background-color: rgb(170, 166, 166);
}

nav li {
  float: left;
}

nav li a {
  display: block;
  color: #000000;
  text-align: center;
  padding: 14px 16px;
  text-decoration: none;
}

nav li a:hover:not(.active) {
  background-color: #ffffff;
}

nav li a.active {
  color: rgb(240, 240, 240);
  background-color: #04AA6D;
}
```

New Outcome:



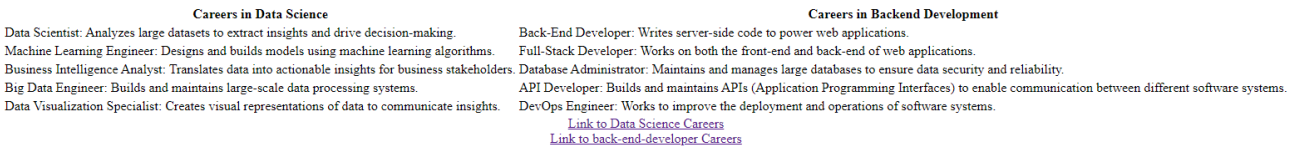
My Career Goals and Aspirations

Table

Code:

```
<center>
  <table>
    <tr>
      <th>Careers in Data Science</th>
      <th>Careers in Backend Development</th>
    </tr>
    <tr>
      <td>Data Scientist: Analyzes large datasets to extract insights and drive decision-making.</td>
      <td>Back-End Developer: Writes server-side code to power web applications.</td>
    </tr>
    <tr>
      <td>Machine Learning Engineer: Designs and builds models using machine learning algorithms.</td>
      <td>Full-Stack Developer: Works on both the front-end and back-end of web applications.</td>
    </tr>
    <tr>
      <td>Business Intelligence Analyst: Translates data into actionable insights for business stakeholders.</td>
      <td>Database Administrator: Maintains and manages large databases to ensure data security and reliability.</td>
    </tr>
    <tr>
      <td>Big Data Engineer: Builds and maintains large-scale data processing systems.</td>
      <td>API Developer: Builds and maintains APIs (Application Programming Interfaces) to enable communication between different software systems.</td>
    </tr>
    <tr>
      <td>Data Visualization Specialist: Creates visual representations of data to communicate insights.</td>
      <td>DevOps Engineer: Works to improve the deployment and operations of software systems.</td>
    </tr>
  </table>
</center>
```

Current Outcome:



Careers in Data Science	Careers in Backend Development
Data Scientist: Analyzes large datasets to extract insights and drive decision-making.	Back-End Developer: Writes server-side code to power web applications.
Machine Learning Engineer: Designs and builds models using machine learning algorithms.	Full-Stack Developer: Works on both the front-end and back-end of web applications.
Business Intelligence Analyst: Translates data into actionable insights for business stakeholders.	Database Administrator: Maintains and manages large databases to ensure data security and reliability.
Big Data Engineer: Builds and maintains large-scale data processing systems.	API Developer: Builds and maintains APIs (Application Programming Interfaces) to enable communication between different software systems.
Data Visualization Specialist: Creates visual representations of data to communicate insights.	DevOps Engineer: Works to improve the deployment and operations of software systems.

Link to Data Science Careers
Link to back-end-developer Careers

Desired Outcome:

While technically this is a table, visually it just looks like floating text. I think just adding a simple box around the table elements makes it more practical for the user to read.

Updated Code:

Same HTML code

```
table {
  border: 1px solid;
}
```

New Outcome:

Careers in Data Science	Careers in Backend Development
Data Scientist: Analyzes large datasets to extract insights and drive decision-making.	Back-End Developer: Writes server-side code to power web applications.
Machine Learning Engineer: Designs and builds models using machine learning algorithms.	Full-Stack Developer: Works on both the front-end and back-end of web applications.
Business Intelligence Analyst: Translates data into actionable insights for business stakeholders.	Database Administrator: Maintains and manages large databases to ensure data security and reliability.
Big Data Engineer: Builds and maintains large-scale data processing systems.	API Developer: Builds and maintains APIs (Application Programming Interfaces) to enable communication between different software systems.
Data Visualization Specialist: Creates visual representations of data to communicate insights.	DevOps Engineer: Works to improve the deployment and operations of software systems.

Link to Data Science Careers
Link to back-end-developer Careers

Ordered and Unordered Lists

Code:

```
<h3>Places I've Been</h3>
<ol>
  <li>Ireland</li>
  <li>France</li>
  <li>Italy</li>
  <li>United States</li>
  <li>Costa Rica</li>
  <li>Cuba</li>
</ol>


<br>
<h3>Places I'd like to Go (someday)</h3>
<ul>
  <li>Netherlands</li>
  <li>Austria</li>
  <li>Australia</li>
  <li>Greece</li>
  <li>Finland</li>
</ul>
```

Current Outcome:

Places I've Been

1. Ireland
2. France
3. Italy
4. United States
5. Costa Rica
6. Cuba

Places I'd like to Go (someday)

- Netherlands
- Austria
- Australia
- Greece
- Finland

Desired Outcome:
Visually the lists just look a bit boring, using different list styles can change them slightly while still being legible.

Updated Code:

```
<h3>Places I've Been</h3>
<ol class="c">
  <li>Ireland</li>
  <li>France</li>
  <li>Italy</li>
  <li>United States</li>
  <li>Costa Rica</li>
  <li>Cuba</li>
</ol>
```

```
<br>
<h3>Places I'd like to Go (someday)</h3>
<ul class="a">

  <li>Netherlands</li>
  <li>Austria</li>
  <li>Australia</li>
  <li>Greece</li>
  <li>Finland</li>
</ul>
```

```
ul.a {
  list-style-type: square;
}

ol.c {
  list-style-type: upper-roman;
}
```

New Outcome:

Places I'd like to Go (someday)

- Netherlands
- Austria
- Australia
- Greece
- Finland

Places I've Been

I. Ireland
II. France
III. Italy
IV. United States
V. Costa Rica
VI. Cuba

Other Additions

Flexboxes:

```
.flex-container {
  display: flex;
  flex-wrap: nowrap;
  background-color: rgb(0, 0, 0);
}

.flex-container > div {
  background-color: #0e0d0d;
  width: 100px;
  margin: 10px;
  text-align: center;
  line-height: 75px;
  font-size: 30px;
}
```

```
<div class="flex-container">
  <div><img src="Images/Ireland_flag_300.png" width=30% height=30%></div>
  <div><img src="Images/Flag_of_France.png" width=30% height=30%></div>
  <div><img src="Images/2560px-Flag_of_the_United_States.svg.png" width=30% height=30%></div>
  <div><img src="Images/Flag_of_Costa_Rica.svg.png" width=30% height=30%></div>
  <div><img src="Images/Flag_of_Cuba.png" width=30% height=30%></div>
  <div><img src="Images/Ireland_flag_300.png" width=30% height=30%></div>
  <div><img src="Images/Flag_of_France.png" width=30% height=30%></div>
  <div><img src="Images/2560px-Flag_of_the_United_States.svg.png" width=30% height=30%></div>
  <div><img src="Images/Flag_of_Costa_Rica.svg.png" width=30% height=30%></div>
  <div><img src="Images/Flag_of_Cuba.png" width=30% height=30%></div>
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  <div><img src="Images/Flag_of_Cuba.png" width=30% height=30%></div>
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  <div><img src="Images/Ireland_flag_300.png" width=30% height=30%></div>
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  <div><img src="Images/2560px-Flag_of_the_United_States.svg.png" width=30% height=30%></div>
  <div><img src="Images/Flag_of_Costa_Rica.svg.png" width=30% height=30%></div>
  <div><img src="Images/Flag_of_Cuba.png" width=30% height=30%></div>
</div>
```

Outcome:

Forms and button:

```css
a:link {
  color: black;
}

form {
  display: flex;
  flex-direction: column;
  align-items: center;
}

label, input {
  margin: 10px;
}

button {
  padding: 10px;
  background-color: #000000;
  color: white;
  border: none;
  border-radius: 5px;
  cursor: pointer;
}

button:hover {
  background-color: #030303;
}
```

```html
<form>
  <label for="name">Enter your name:</label>
  <input type="text" id="name" name="name">
  <button onclick="sayWelcome()">Submit</button>
</form>
<script>
  function sayWelcome() {
  const name = document.getElementById("name").value;
  alert(`Welcome, ${name}!`);
}
</script>
```

Outcome: