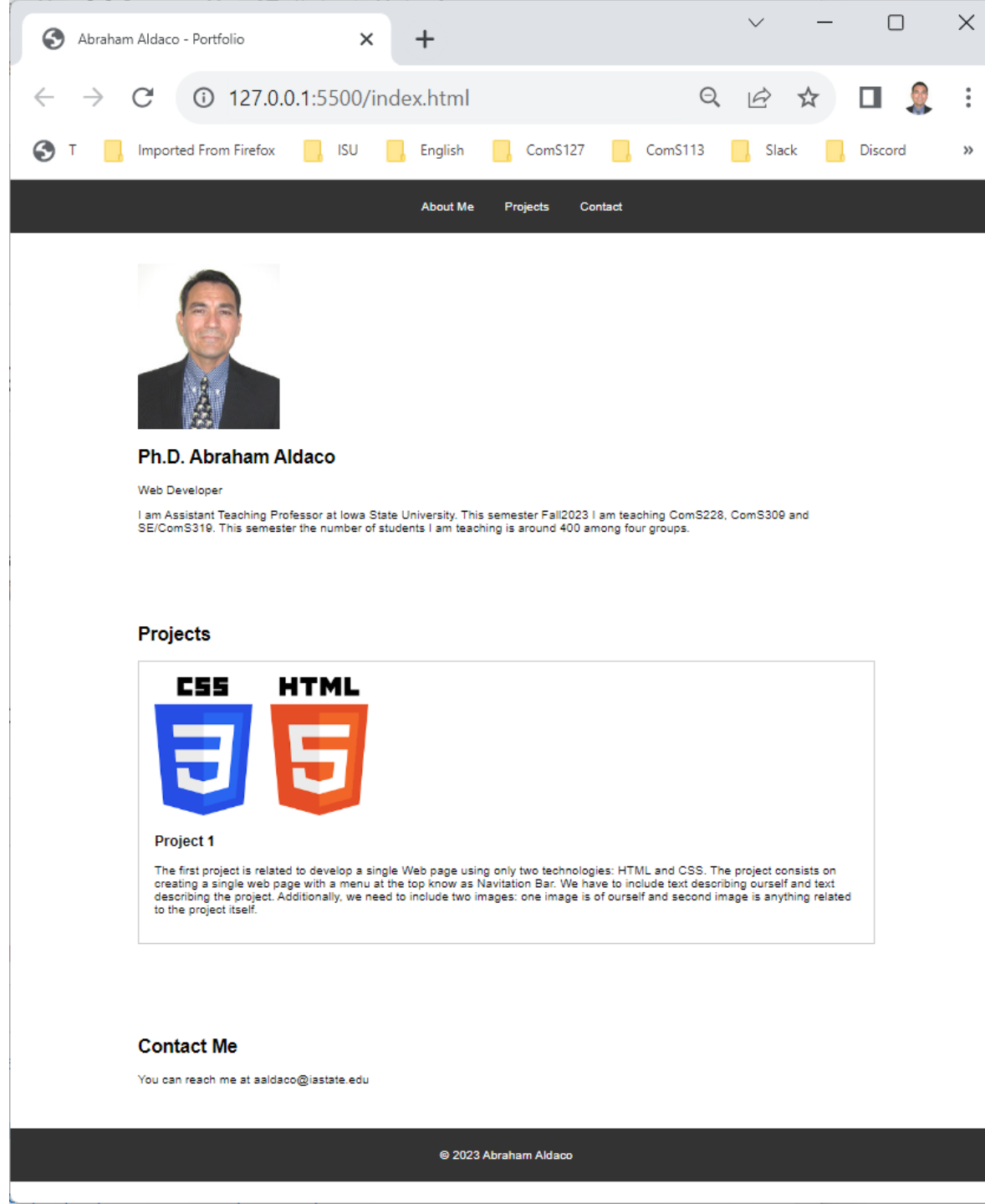


<activity04/>

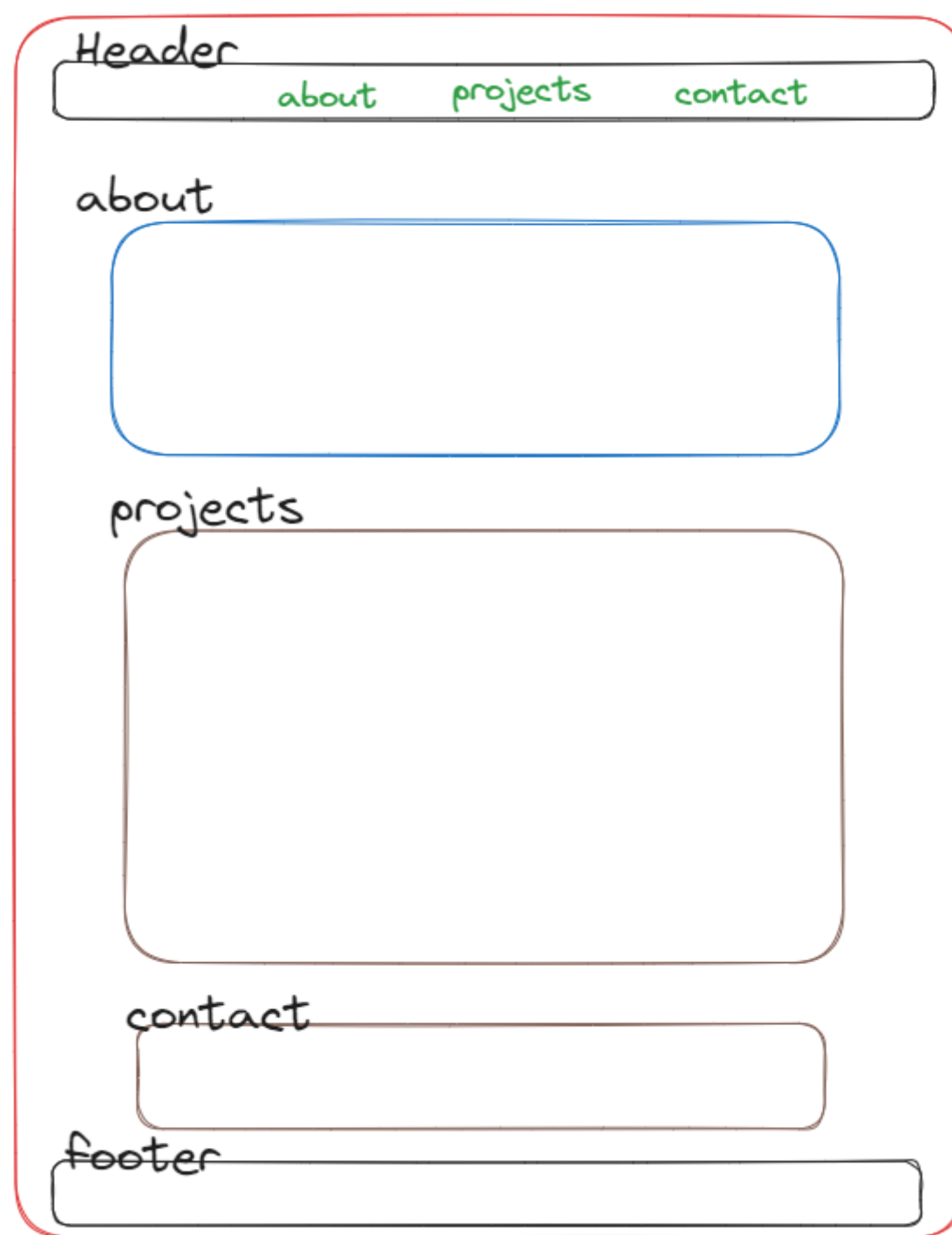
During Class

Create a web page with personal information and portfolio of projects.



Go to <https://excalidraw.com/>
and draw the next figure ...

Made in :
<https://excalidraw.com/>



Create one initial HTML and save it as **index.html**

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>

</body>
</html>
```

<body>

```
<header>
```

```
</header>
```

```
<section id="about">
```

```
</section>
```

```
<section id="projects">
```

```
</section>
```

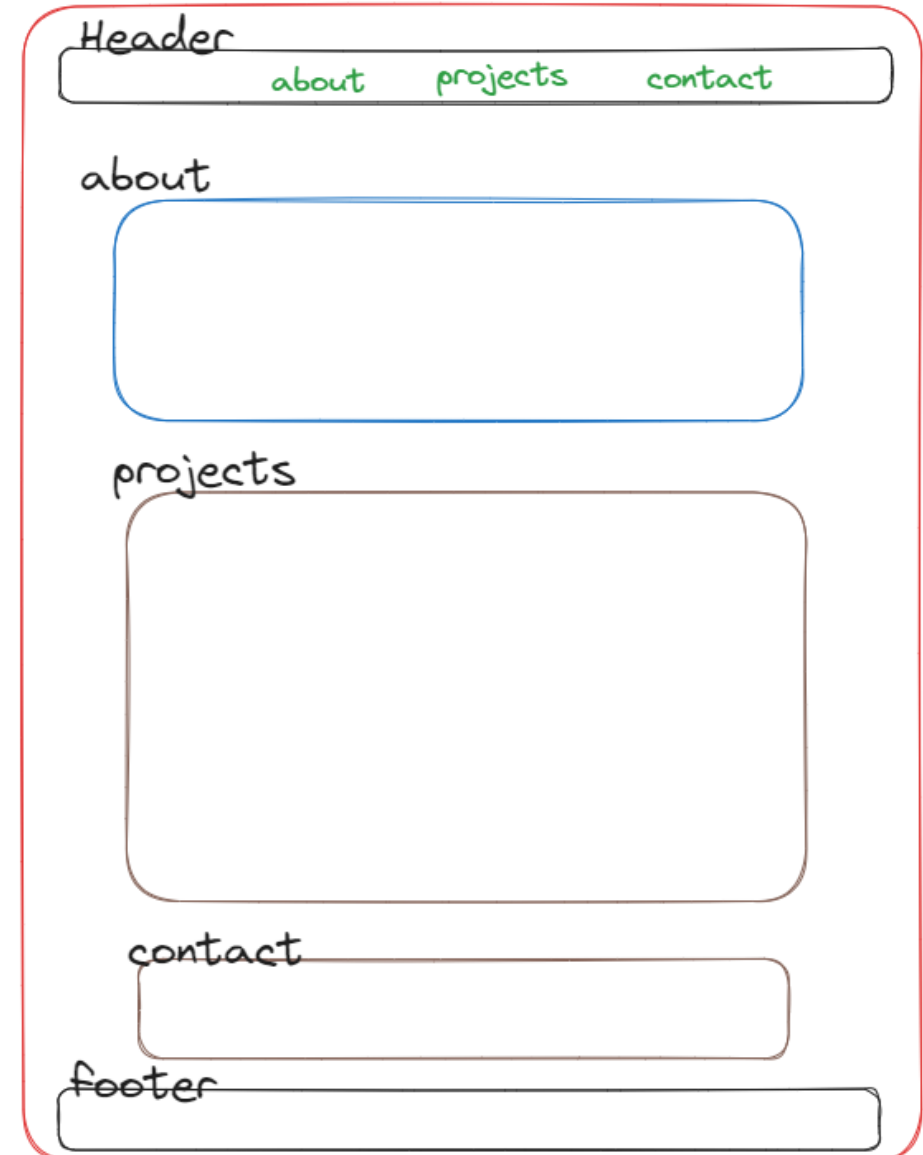
```
<section id="contact">
```

```
</section>
```

```
<footer>
```

```
</footer>
```

</body>



Add the **Navigation bar** :

```
<header>
  <nav>
    <ul>
      <li><a href="#about">About Me</a></li>
      <li><a href="#projects">Projects</a></li>
      <li><a href="#contact">Contact</a></li>
    </ul>
  </nav>
</header>
```

<body>

<header>

</header>

<section id="about">

</section>

<section id="projects">

</section>

<section id="contact">

</section>

<footer>

</footer>

</body>

This is a menu using
Navitation bar

Let's change the aesthetics of the Navigation bar

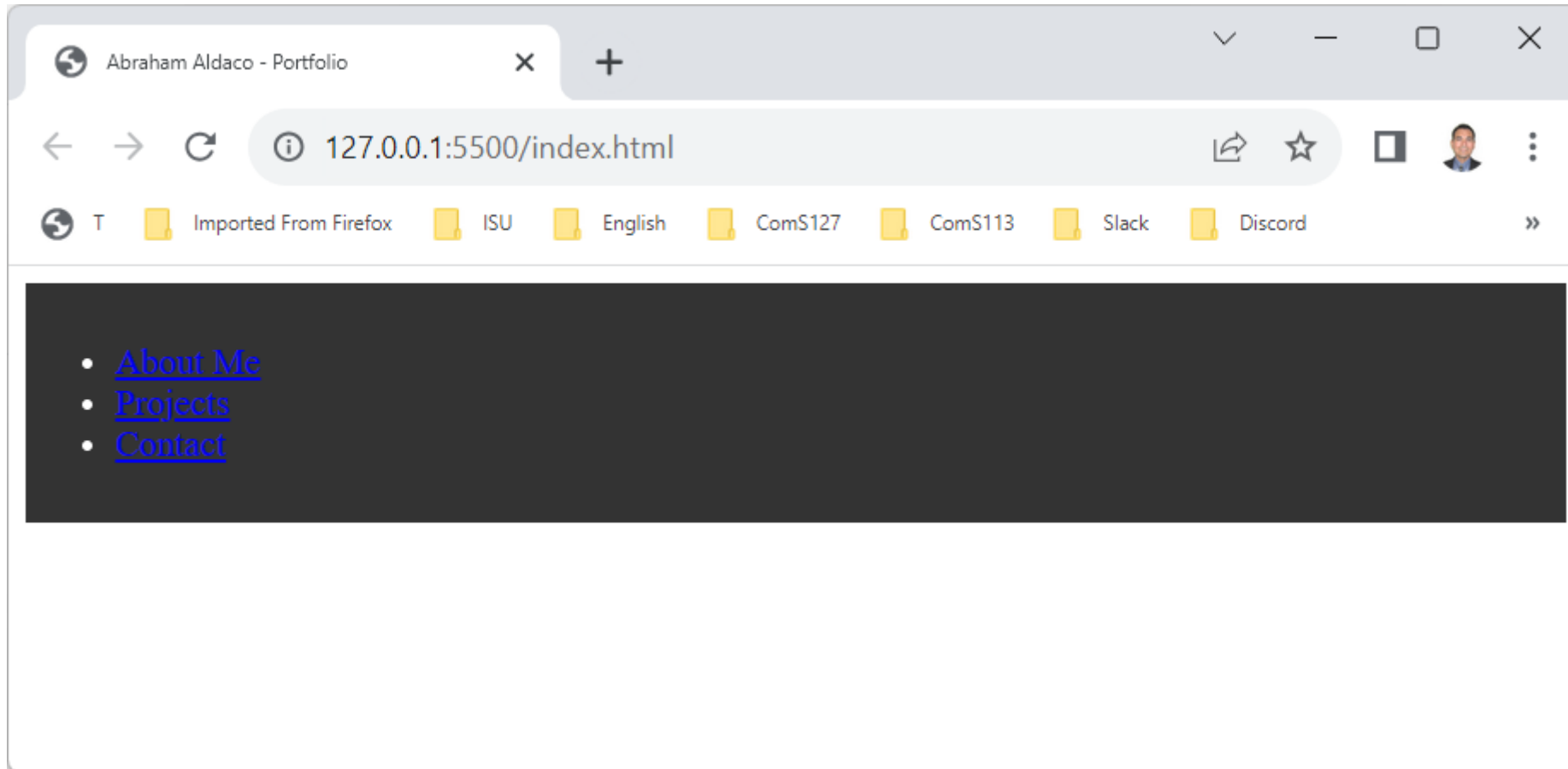
Create one **CSS style sheet** file and save it as **style.css**

```
header {  
    background-color: #333;  
    color: #fff;  
    padding: 10px 0;  
}
```

Add the link to the **style.css** file in the **index.html** file

```
<link rel="stylesheet" href="./style.css">
```

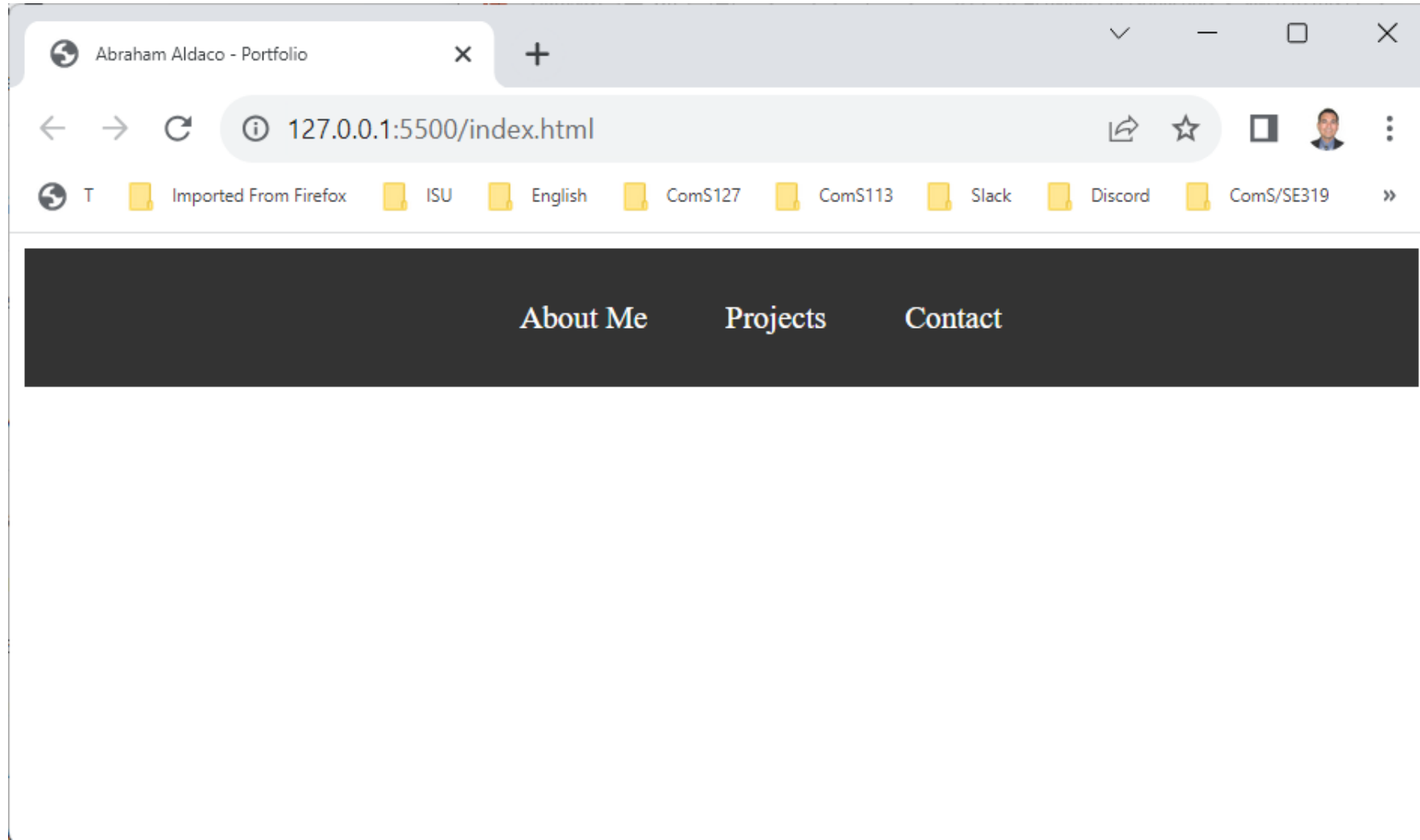
View `index.html`



Improve the Navigation bar in `style.css` file :

```
nav ul {  
    list-style: none;  
    display: flex;  
    justify-content: center;  
}  
  
nav li {  
    margin: 0 20px;  
}  
  
nav a {  
    text-decoration: none;  
    color: #fff;  
}
```

View `index.html`



Add information to the three sections:

```
<section id="about">
```

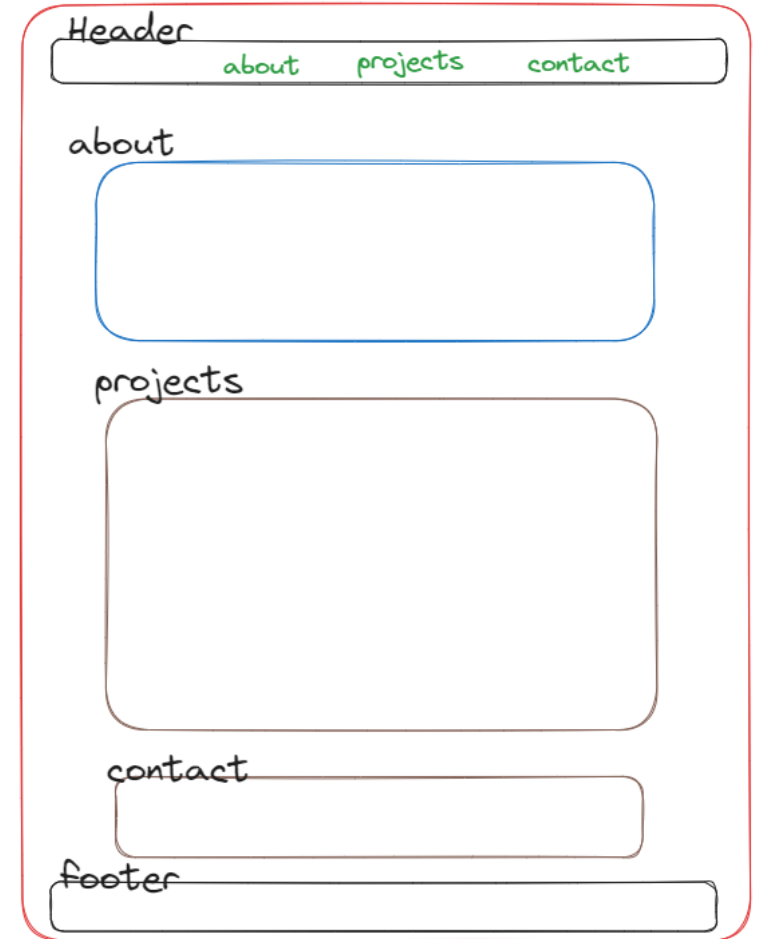
```
</section>
```

```
<section id="projects">
```

```
</section>
```

```
<section id="contact">
```

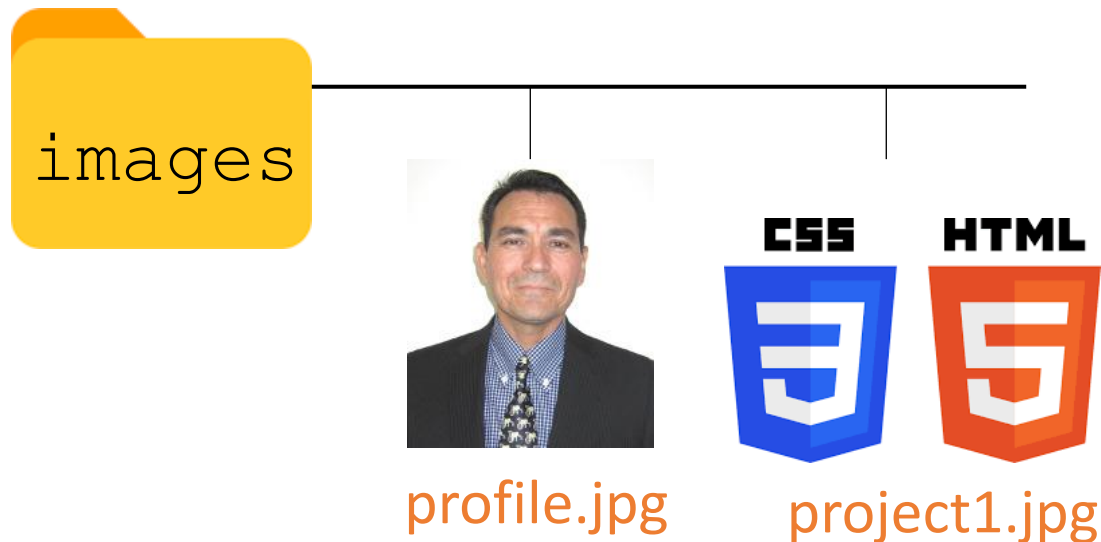
```
</section>
```



Create a subdirectory with the name `images`:

`index.html`

`style.css`



Add one image of yourself
`profile.jpg`

And one image for a portfolio
`project1`

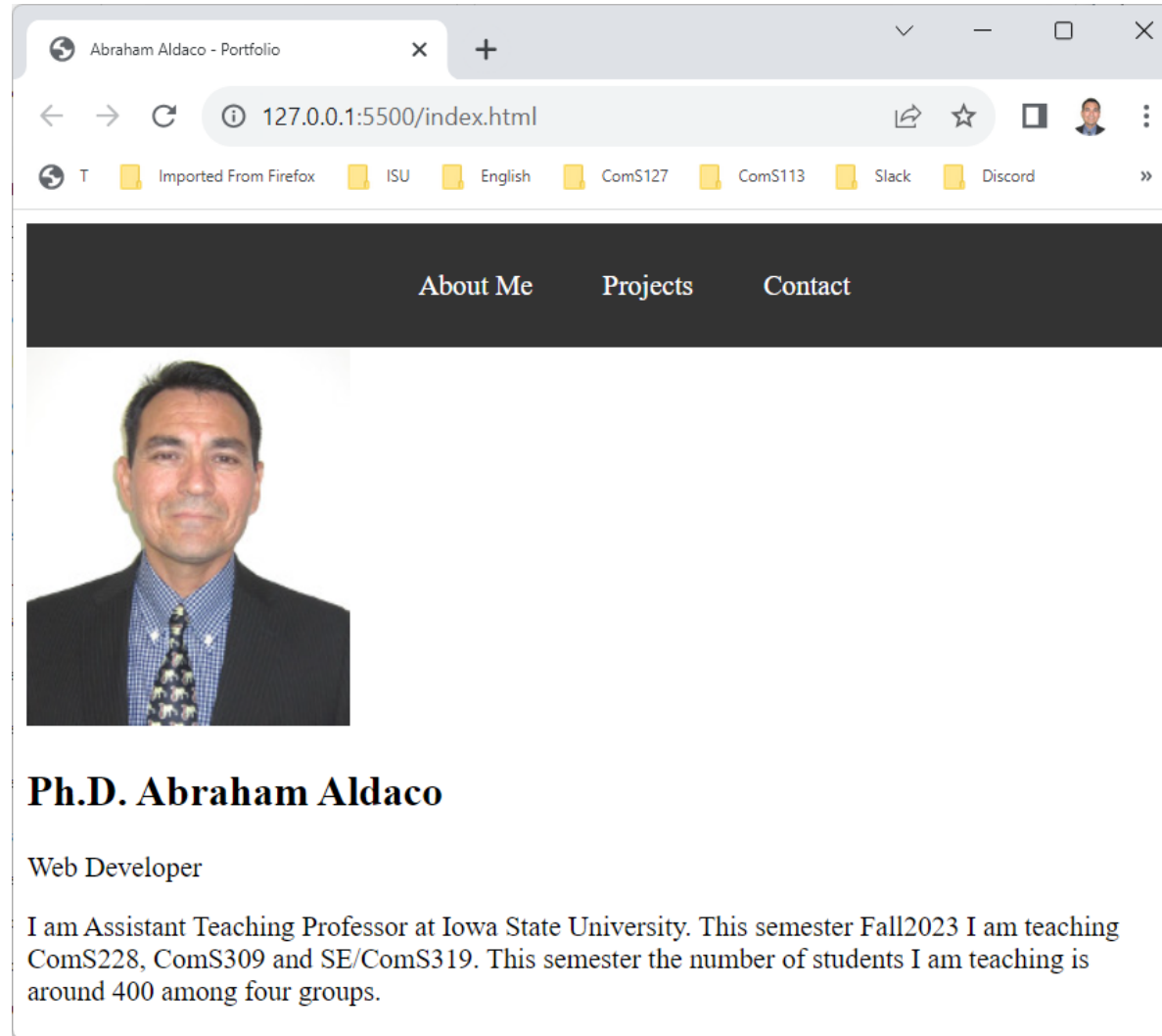
<section id="about">

Add the image **profile.jpg**
and a brief description of yourself
using **different tags**:

```
<div class="container">  
  <img src= "./profile.jpg" alt="Profile Photo">  
  <h1>Ph.D. Abraham Aldaco</h1>  
  <p>Web Developer</p>  
  <p>I am Assistant Teaching Professor at Iowa State  
    University. This semester Spring2024 I am teaching  
    ComS309 and SE/ComS319.  
    The number of students I am teaching is around 400  
    among the four groups. </p>  
</div>
```

</section>

View index.html



<section id="projects">

Add the image
project1.jpg and a brief
description of a project using
different tags:

```
<div class="container">  
  <h2>Projects</h2>  
  <div class="project">  
    <img src= "./project1.png" alt="Project 1">  
    <h3>Project 1</h3>  
    <p>The first project is related to develop a single Web page using  
    only two technologies: HTML and CSS. The project consists in  
    creating a single web page with a menu at the top know as  
    Navigation Bar. We have to include text describing ourself and  
    text describing the project. Additionally, we need to include  
    two images: one image is of ourself and second image is anything  
    related to the project itself.</p>
```

</div>

Add more project divs here

</div>

</section>

View

index.html




<section id="contact">

```
<div class="container">  
  <h2>Contact Me</h2>  
  <p>You can reach me at aaldaco@iastate.edu</p>  
</div>
```

</section>

```
<body>  
  <header>  
  </header>  
  <section id="about">  
  </section>  
  <section id="projects">  
  </section>  
  <section id="contact">  
  </section>  
  <footer>  
  </footer>  
</body>
```



View

index.html




Let's add a footer :

```
<footer>
```

```
<p>&copy; 2023 Abraham Aldaco</p>
```

```
</footer>
```

```
<body>  
  <header>  
  </header>  
  <section id="about">  
  </section>  
  <section id="projects">  
  </section>  
  <section id="contact">  
  </section>  
  <footer>  
  </footer>  
</body>
```



We have finished with the content in `<body>`
... `</body>` in the HTML file.

Now we will finish the aesthetic part using
CSS.

Add the next code to the `style.css` file :

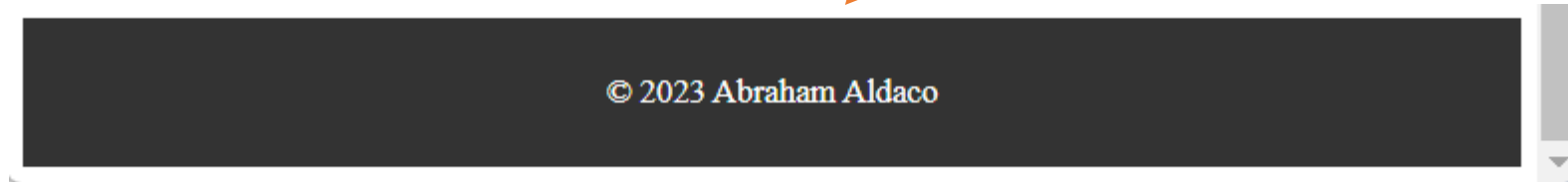
```
body {  
    font-family: Arial, sans-serif;  
    margin: 0;  
    padding: 0;  
}  
img {  
    max-width: 100%;  
}  
footer {  
    text-align: center;  
    padding: 10px;  
    background-color: #333;  
    color: #fff;  
}
```

CSS in
External
File

View

index.html

footer



Add the next code to the `<style> ... </style>` section in `<head>` :

```
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet" href="style.css">
  <style>
    .container {
      max-width: 960px;
      margin: 0 auto;
      padding: 40px;
    }

    .project {
      margin-bottom: 20px;
      border: 1px solid #ccc;
      padding: 20px;
    }
  </style>
  <title>Abraham Aldaco - Portfolio</title>
</head>
```

CSS in
Internal in
section
`<style>`

```
<section id="projects">
```

Add the image
project1.jpg and a brief
description of a project using
different tags:

```
<div class="container">
  <h2>Projects</h2>
  <div class="project">
    <img src= ". /project1.png" alt="Project 1">
    <h3>Project 1</h3>
    <p>The first project is related to develop a single Web page using
    only two technologies: HTML and CSS. The project consists in
    creating a single web page with a menu at the top know as
    Navigation Bar. We have to include text describing ourself and
    text describing the project. Additionally, we need to include
    two images: one image is of ourself and second image is anything
    related to the project itself.</p>
  </div>
  Add more project divs here
</div>
</section>
```

Under the image `profile.jpg` add CSS style to text :

css Inline

```
<p>Web Developer</p>
```



```
<p style="font-family: 'Courier New', Courier, monospace; color: brown">Web Developer</p>
```

Ph.D. Abraham Aldaco



Web Developer

I am Assistant Teaching Professor at Iowa State University and SE/ComS319. This semester the number of students in the class is 15.

Review the next:

In previous class we add CSS style by:

- Tag (e.g., div, h1, h3)
- class (e.g., .container, .years and using class="container", class="years")
- id (e.g., #author and using id="author")

In this class we added CSS style in:

- ☐ External file and link the file in html `<link rel="stylesheet" href="style.css">`
- ☐ Internal in section `<style> .. </style>`
- ☐ Inline (this is when we include proper styles inside the HTML)



Wait to finish the second part : Web Pages in Github.

So far, we have the next files :

- `index.html`
- `style.css`
- Compress in ZIP file : `images.zip`
`profile.jpg, project1.jpg`