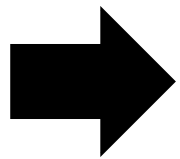Activity 04

In - Class

Activity04 during class

➡️ 1.- Create a web page with personal information and portfolio of
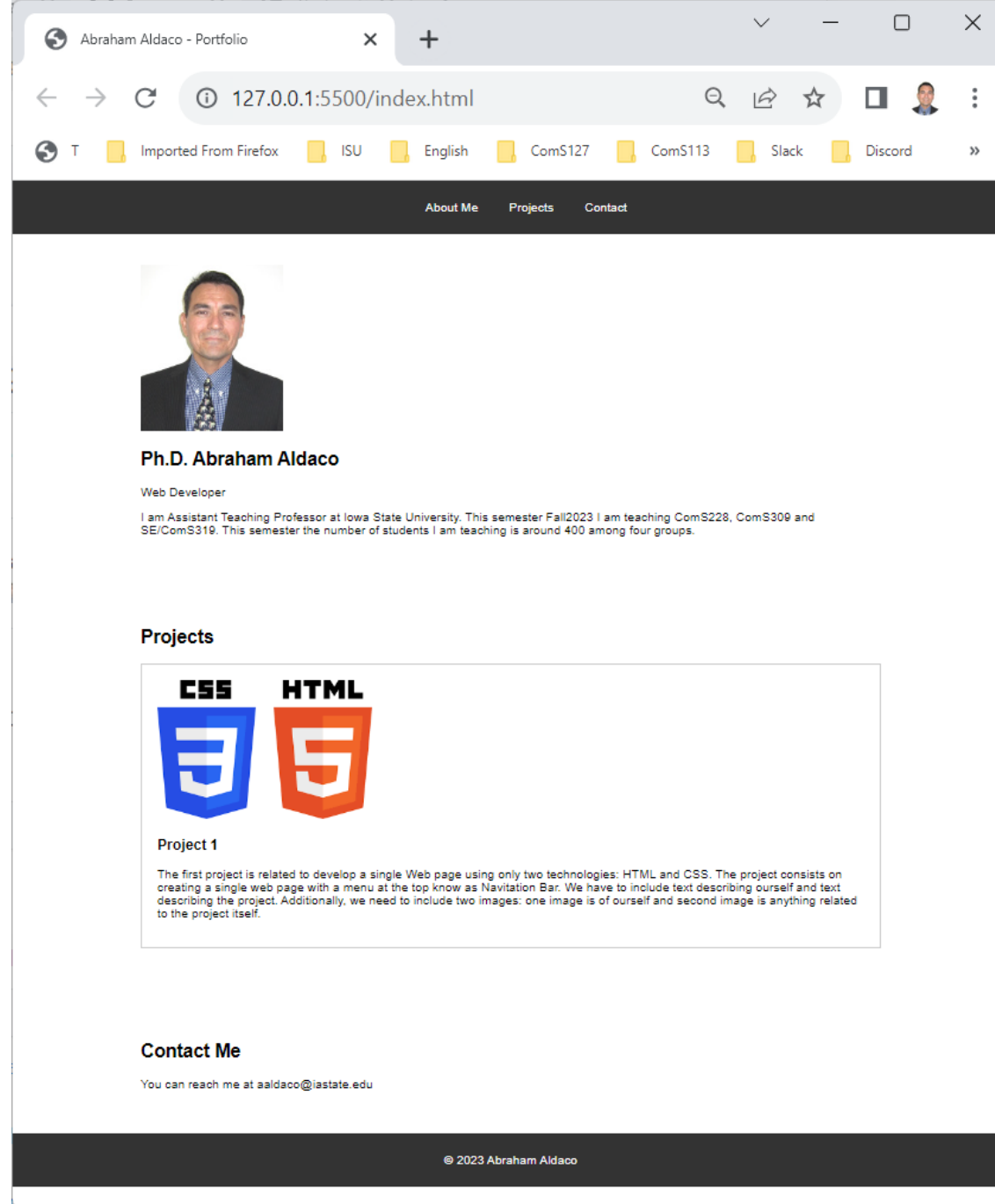
projects.

2.- Create a personal Git hub pages : `https://.github.io/personal/`

`e.g., https://aaldacog.github.io/personal/`

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Let's create a web page similar to this web page.

You are encouraged to add real information to use the link in your resume.

The portfolio of projects in this activity is fictitious. You can add images and information of a real project.

Go to
https://excalidraw.com/

and draw the next figure
…

Header
about   projects   contact

about

projects

contact

footer

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

```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>
```
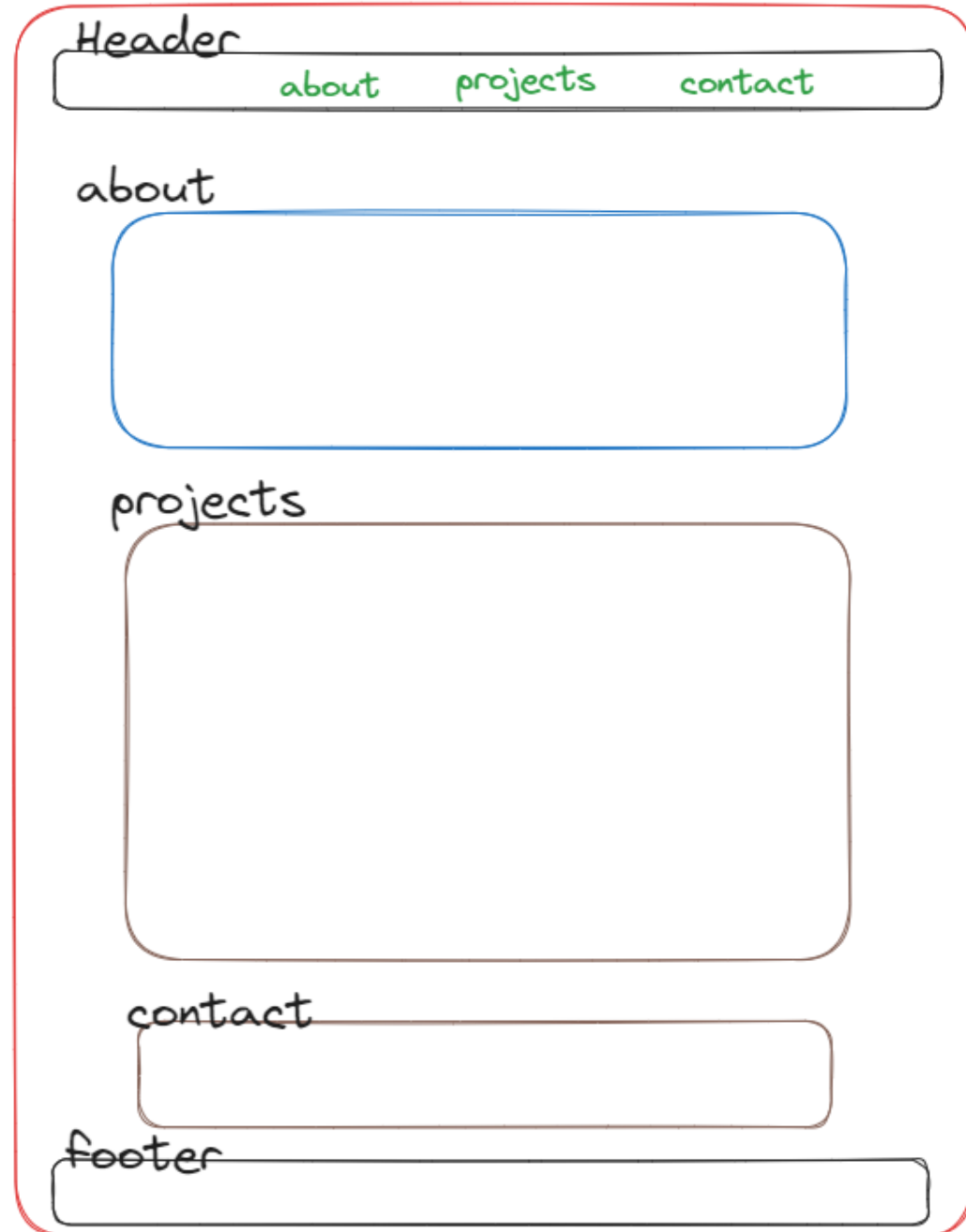
```
<body>

    <header>

    </header>

    <section id="about">

    </section>

    <section id="projects">

    </section>

    <section id="contact">

    </section>

    <footer>

    </footer>

</body>
```

Add the **Navigation bar** in <header>

```
<body>
<header>
</header>

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

```html
<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>
```
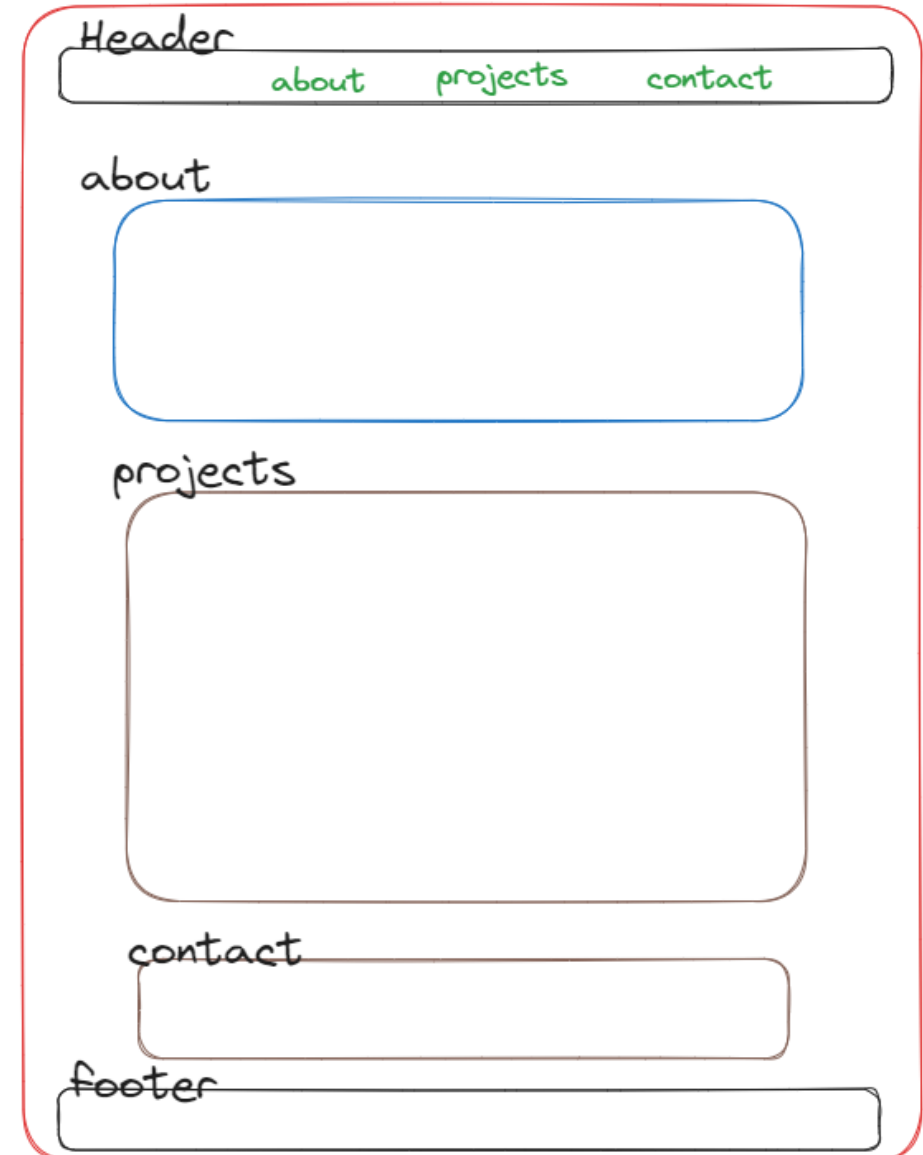
This is a menu using
Navigation bar

Let's change the aesthetics of the Navigation bar
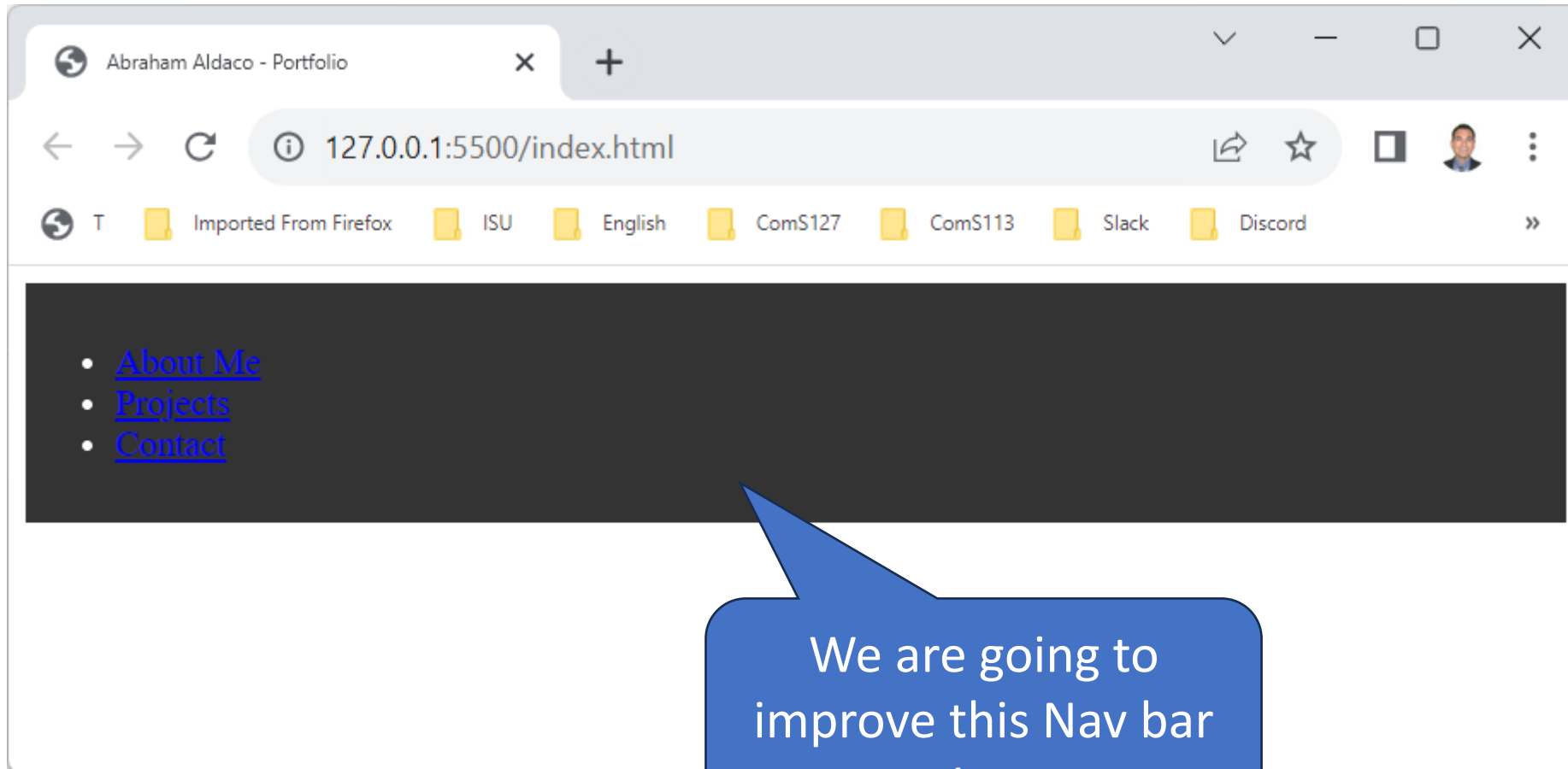
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Create one External CSS style sheet file - **style.css**

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

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

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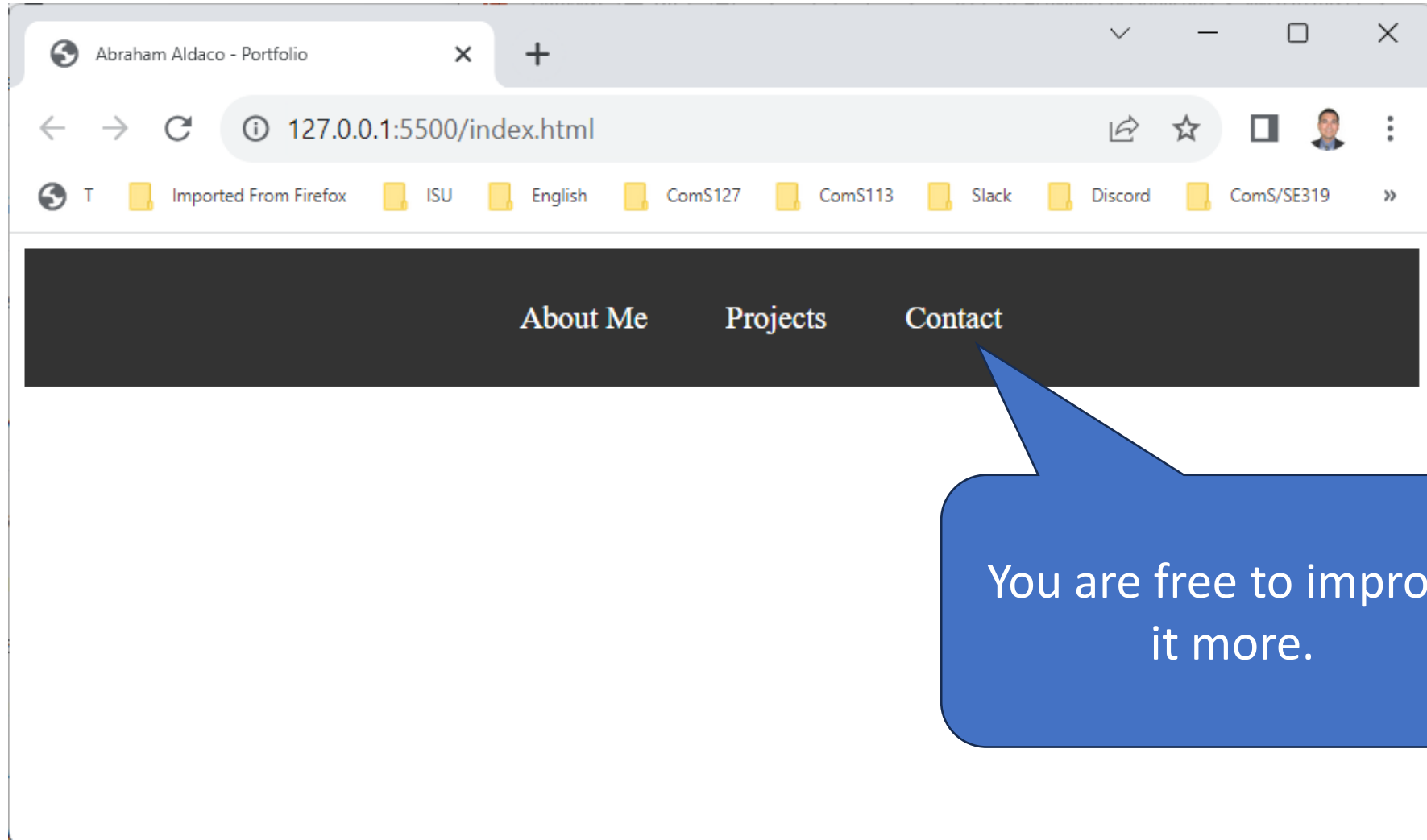
View `index.html`

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

```css
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`

You are free to improve it more.

Add information to the three sections:
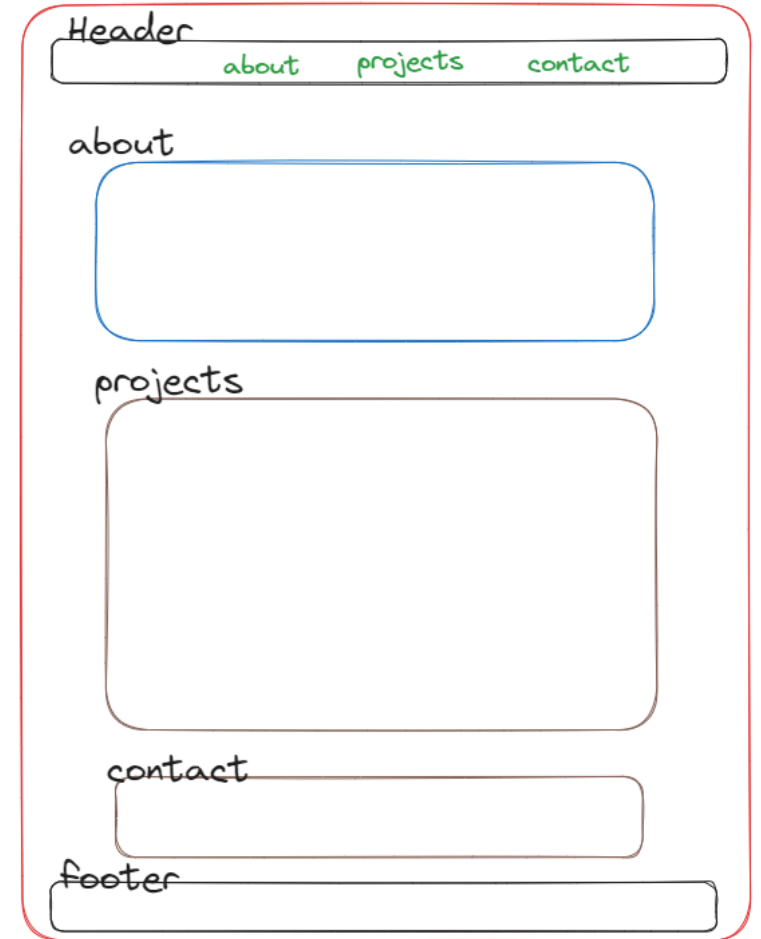
```
<section id="about">

</section>
```

```
<section id="projects">

</section>
```

```
<section id="contact">

</section>
```

Create a subdirectory with the name images:

index.html

style.css

images

profile.jpg   project1.jpg
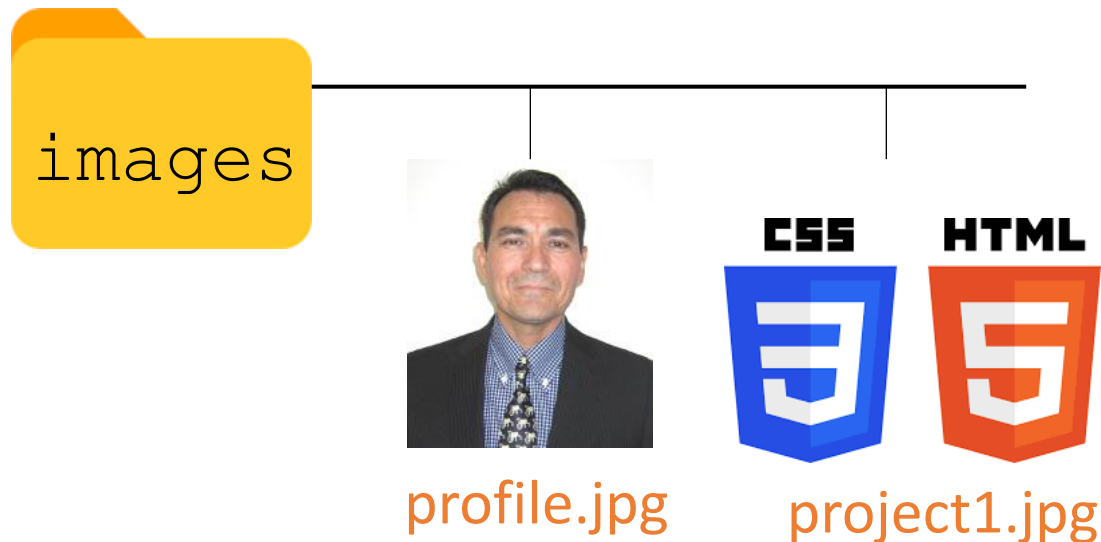
Add one image of yourself
profile.jpg

And one image for a portfolio
project1

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

    <div class="container">
        <img src= "./images/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 Spring2025 I am teaching
            ComS309 and SE/ComS319.
            The number of students I am teaching is around 400
            among the four groups. </p>
    </div>

</section>
```
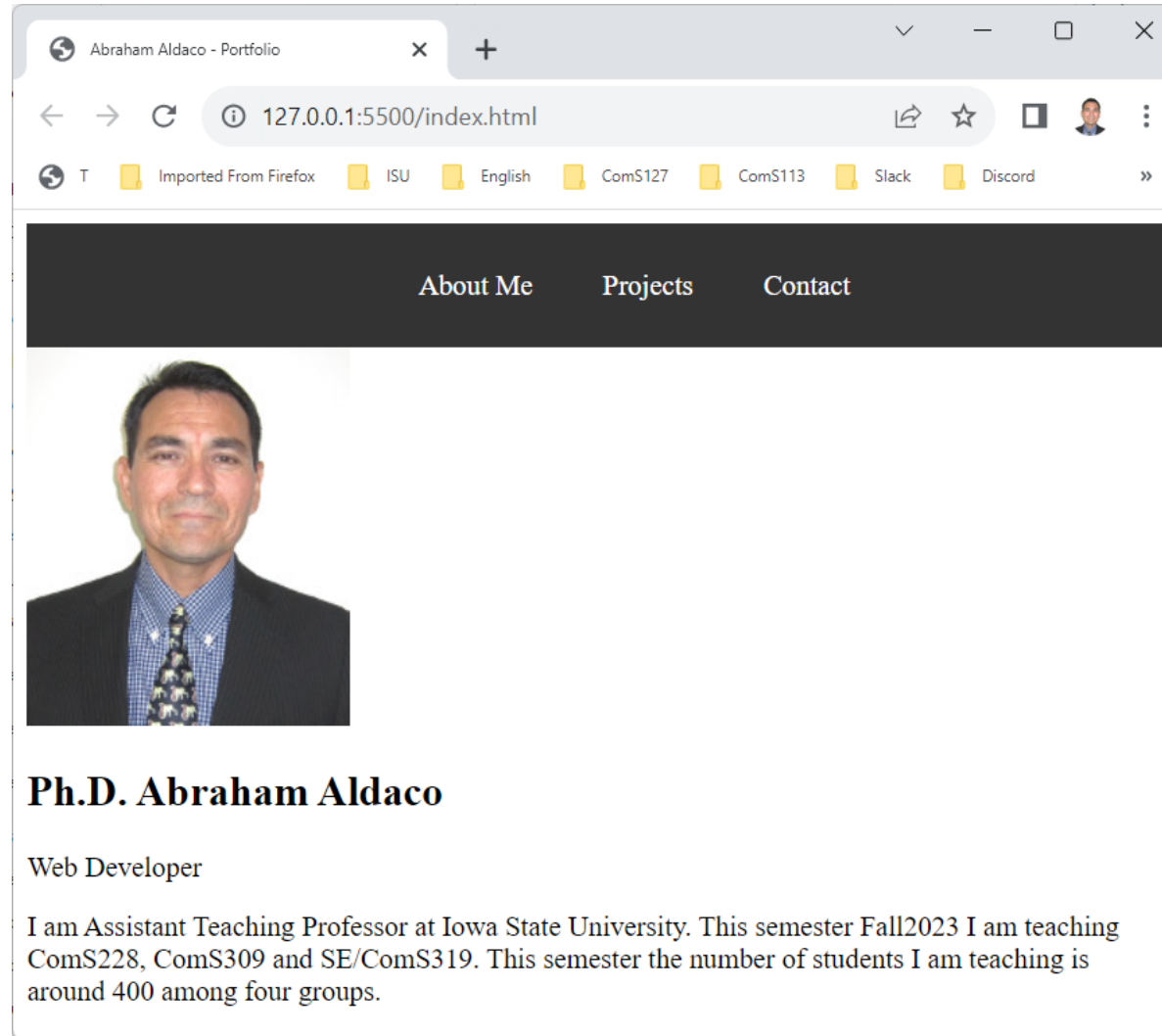
Add the image **profile.jpg** and a brief description of yourself using **different tags**:

View `index.html`

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

    <div class="container">
        <h2>Projects</h2>
        <div class="project">
            <img src= "./images/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>
```

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

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; 2025 Abraham Aldaco</p>

</footer>
```

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

© 2023 Abraham Aldaco

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

Now we will finish the aesthetic part using CSS.

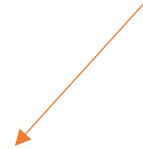# Add the next code to the `style.css` file :

```css
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

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View
`index.html`

footer improved!

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

```
<style>
    .container {
        max-width: 960px;
        margin: 0 auto;
        padding: 40px;
    }

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

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

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

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

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

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

css Inline

Ph.D. Abraham Aldaco

Web Developer

I am Assistant Teaching Professor at Iow
and SE/ComS319. This semester the nu

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`
- Folder:
  `profile.jpg, project1.jpg`

Add a `githubwebpage.txt` file with the link of the web page in Github.