Assignment 3

CSCI1170

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Part-1

After reviewing the suggestions from the second assignment, changes have been made to the website in order to increase accessibility and make the website more user-friendly.

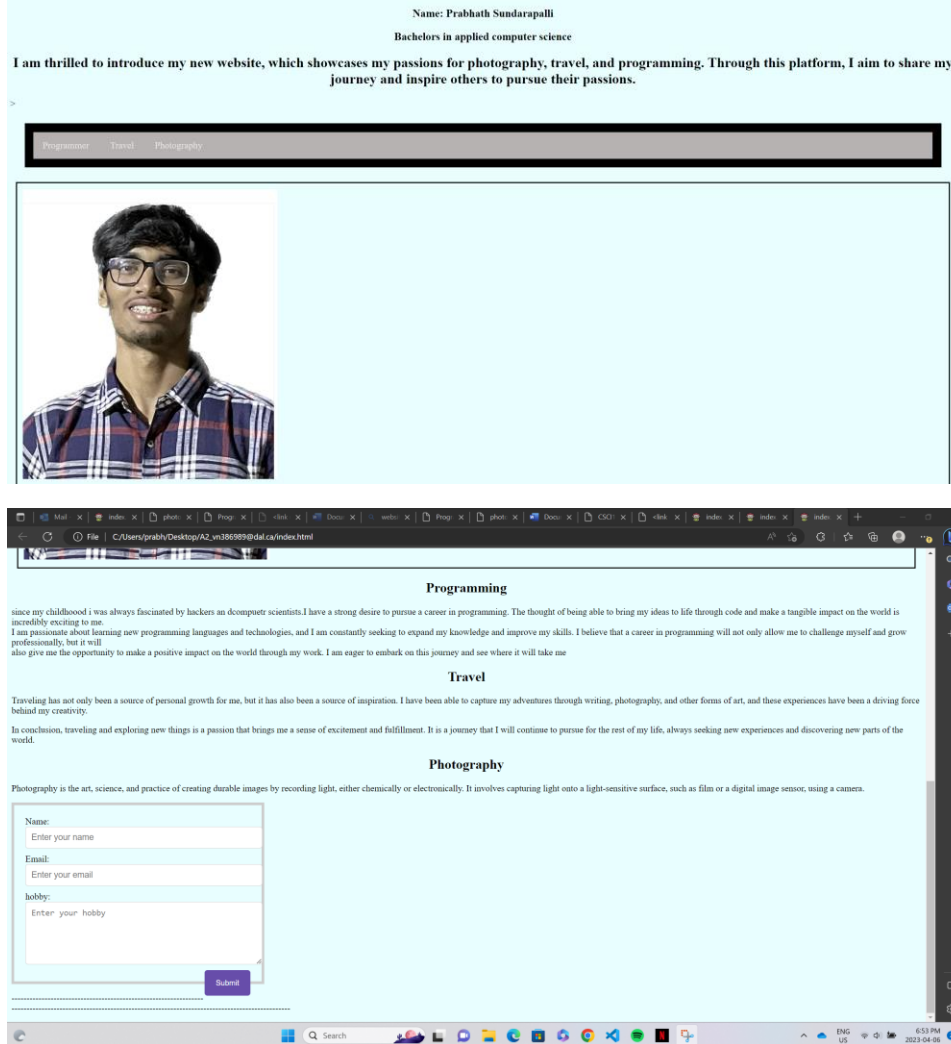*CHANGES MADE USING JAAVSCRIPT*

1a) this is a snippet of the previous code.

Problem identified: no splash page.

In order to make the website more immersive and to make the view understand the main purpose of the website a splash file can be used to improve the overall experience of the reader.

1b) output of the pervious website

As we can see, in these two cases the website has a few alignment issues and the placement of images and the form are mismatched which can be improved along with the addition of the splash page which can improve the whole experience of the user.

1c) desired outcome: ideally the desired outcome of the webpage would be to add a splash page which says, "Welcome to my Webpage" and then move onto the main page.

Minor changes to align the image and the forms page would be a good addition to the websites user experience.
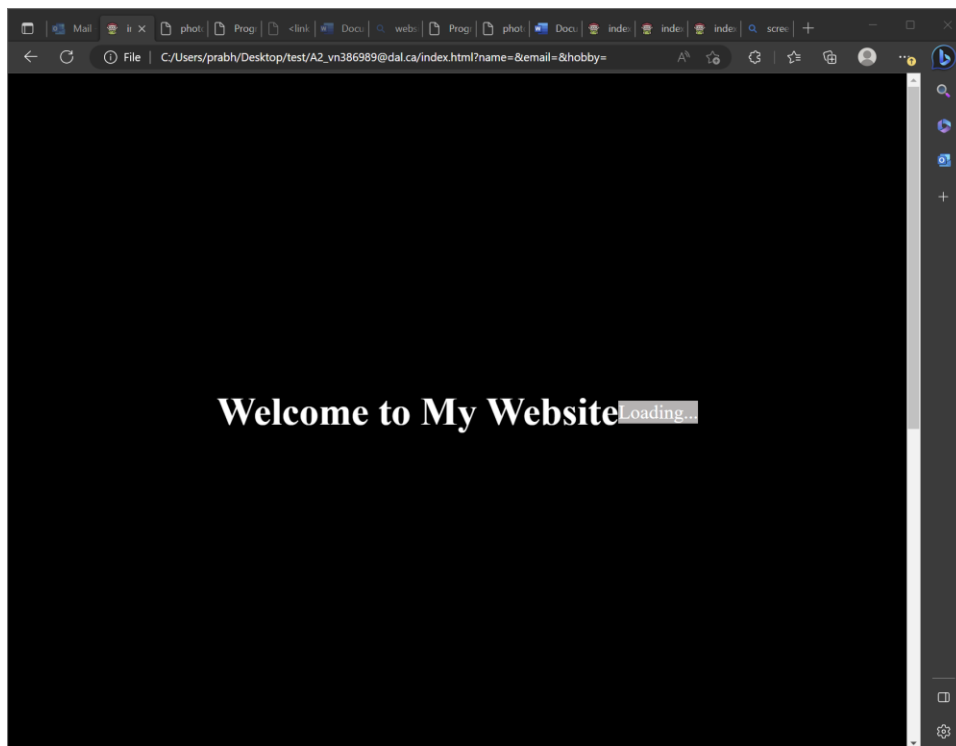
1d) the splash page was implemented using JavaScript and this is the code snippet of the implemented program.

```
1    window.addEventListener("load", function() {
2
3        var splash = document.getElementById("splash");
4        splash.style.display = "flex";
5
6        setTimeout(function() {
7            splash.style.display = "none";
8        }, 2000);
9    });
```

1e) this is the splash image of the current website.

2a) this is the code snippet of the previous version of he website

*2b)*the second major change that was implemented was the introduction of the addition of the notifications and dark mode in order to improve the accessibility of the website. Morover the forms in the index.html page would display an alert message when the user is done entering their hobbies.
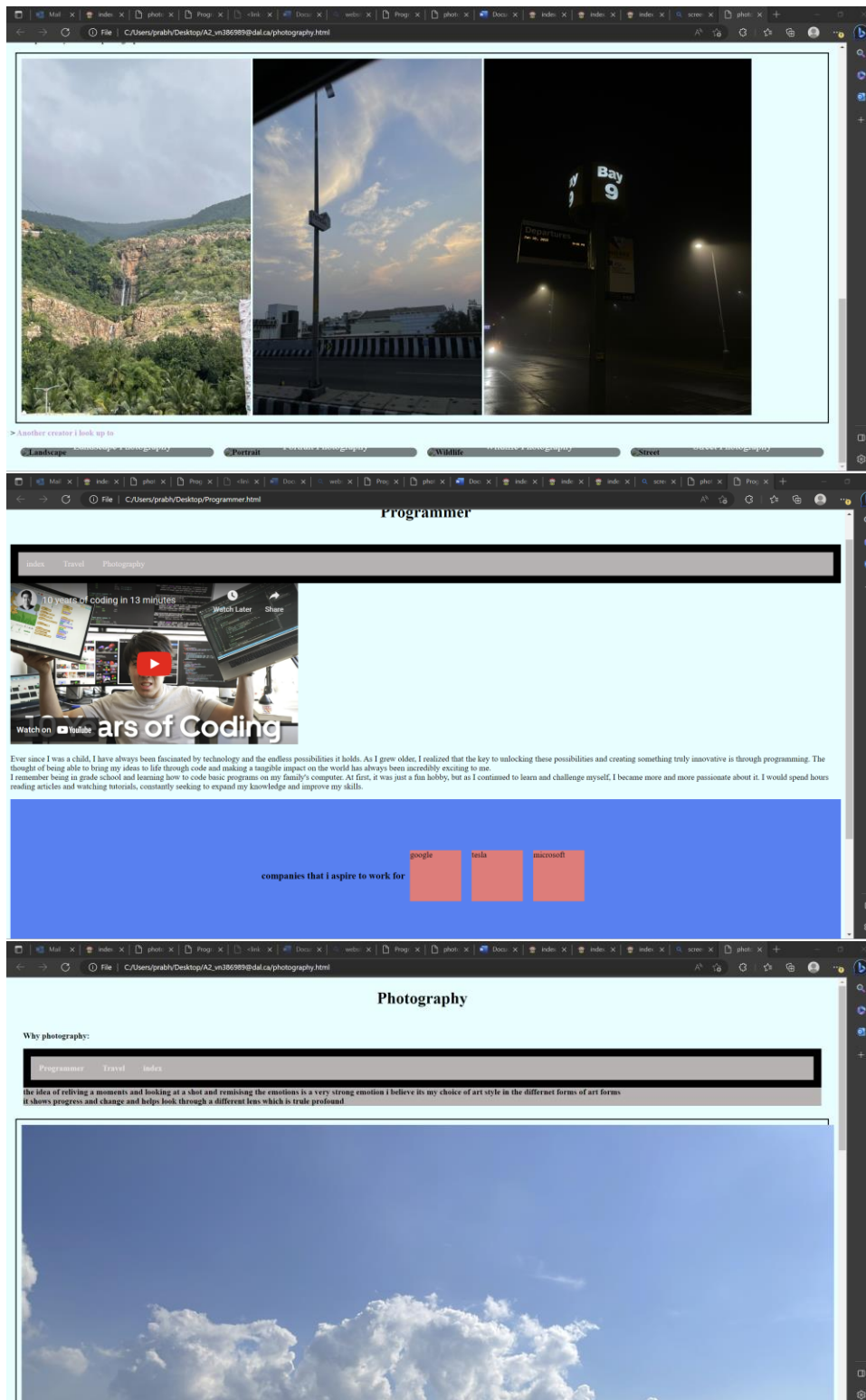
In both these webpages we can see the disorganized structure and the color scheme has low contrast which is a accessibility issue. We can also see most of the images in the flex box to be empty which is a big mistake as a developer.
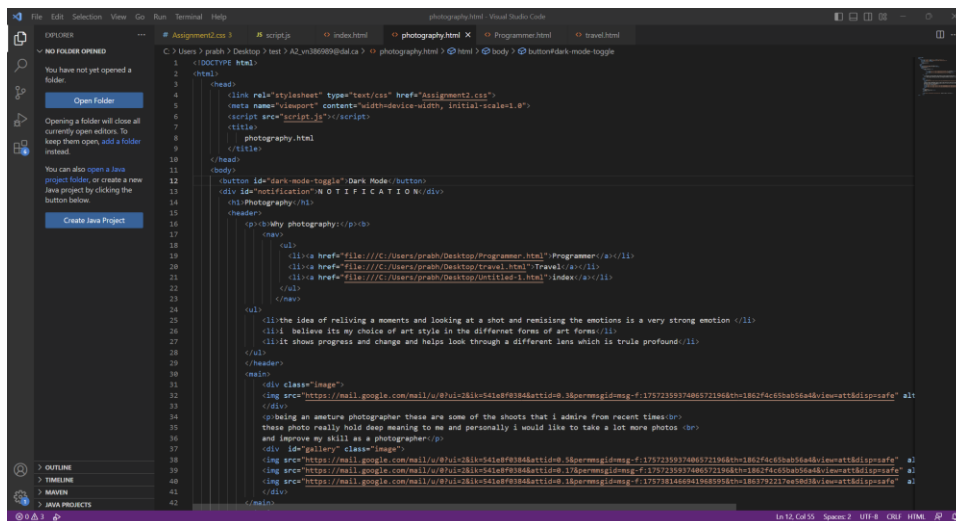
2c) desired outcome: with both of these webpages the layout and the orientation are off place and are very confusing. The desired output would be to keep the webpage clean and contain only the relevant information for the webpage. While also implementing DARKMODE COLOURSCHEMS and NOTIICATIONS.

2d) the following are the code snippets of the file (the CSS files are hundreds of lines, which is the reason why only few images were included)

Javascript

```html
</head>
    <header>
        <body id="body">
            <button id="dark-mode-toggle">Dark Mode</button>
            <h1> Programmer </h1>
        </header>
        <body>
            <div id="notification"></div>
                <nav>
                    <ul>
                        <li><a href="file:///C:/Users/prabh/Desktop/index.html">index</a></li>
                        <li><a href="file:///C:/Users/prabh/Desktop/travel.html">Travel</a></li>
                        <li><a href="file:///C:/Users/prabh/Desktop/photography.html">Photography</a></li>
                    </ul>
                </nav>
                <iframe width="560" height="315" src="https://www.youtube.com/embed/1fPWr0d5zBE" title="YouTube video player" frameborder="0" allow="accelerometer; autopla
                <p>Ever since I was a child, I have always been fascinated by technology and the endless possibilities it holds. As I grew older, I realized that the key t

                    I remember being in grade school and learning how to code basic programs on my family's computer. At first, it was just a fun hobby, but as I continue
                </p>
                <h3>Aspirations :</h3>
                    <ul>
                        <li>Programmer</li>
                        <ol>
                        <li>software devepment,</li>
                        <li>blockchain devoper,</li>
                        <li>AI and ML engineer</li>
                        </ol>
                    </ul>
                    <table style="width: 100%;">
                    <tr>
                        <th>programing languages</th>
                        <th>programings skills</th>
                        <th>other skills</th>
                    <tr>
                    <tr>
                        <td>java</td>
                        <td>statistics</td>
                        <td>photo editing skils</td>
                    </tr>
                    <tr>
                        <td>python</td>
```
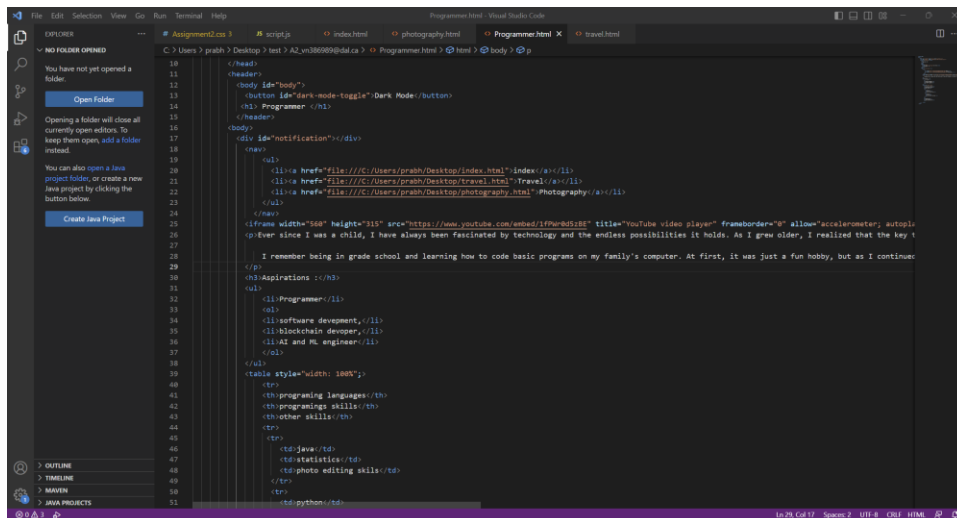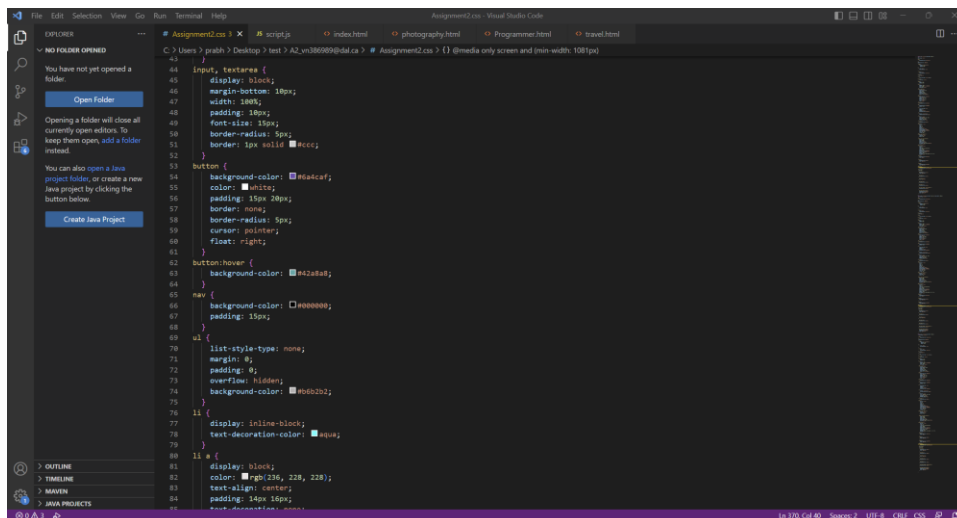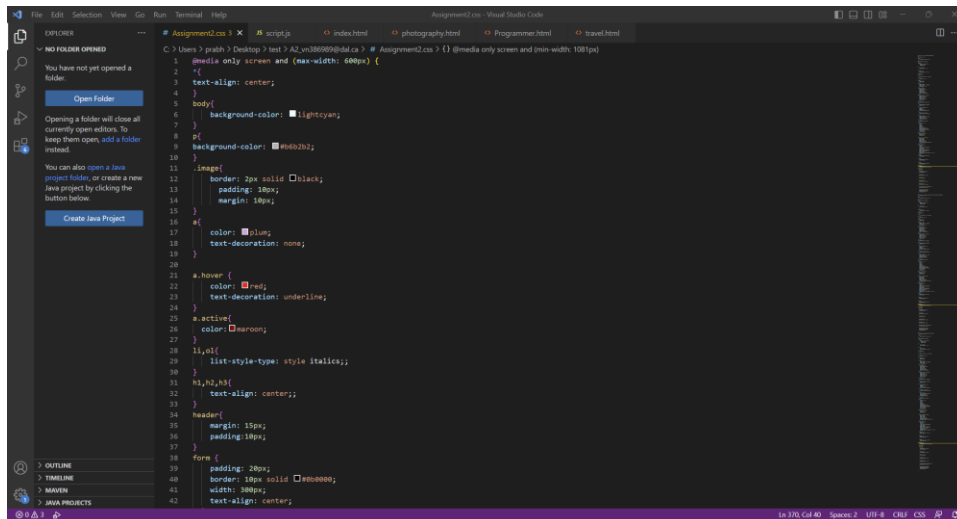
```css
@media only screen and (max-width: 600px) {
*{
    text-align: center;
}
body{
    background-color: lightcyan;
}
p{
background-color: #b6b2b2;
}
.image{
    border: 2px solid black;
        padding: 10px;
        margin: 10px;
}
a{
    color: plum;
    text-decoration: none;
}

a.hover {
    color: red;
    text-decoration: underline;
}
a.active{
    color: maroon;
}
li,ol{
    list-style-type: style italics;;
}
h1,h2,h3{
    text-align: center;;
}
header{
    margin: 15px;
    padding:10px;
}
form {
    padding: 20px;
    border: 10px solid #0b0000;
    width: 300px;
    text-align: center;
```

```css
    }
input, textarea {
    display: block;
    margin-bottom: 10px;
    width: 100%;
    padding: 10px;
    font-size: 15px;
    border-radius: 5px;
    border: 1px solid #ccc;
    }
button {
    background-color: #6a4caf;
    color: white;
    padding: 15px 20px;
    border: none;
    border-radius: 5px;
    cursor: pointer;
    float: right;
    }
button:hover {
    background-color: #42a8a8;
    }
nav {
    background-color: #000000;
    padding: 15px;
    }
ul {
    list-style-type: none;
    margin: 0;
    padding: 0;
    overflow: hidden;
    background-color: #b6b2b2;
    }
li {
    display: inline-block;
    text-decoration-color: aqua;
    }
li a {
    display: block;
    color: rgb(236, 228, 228);
    text-align: center;
    padding: 14px 16px;
    text-decoration: none;
```
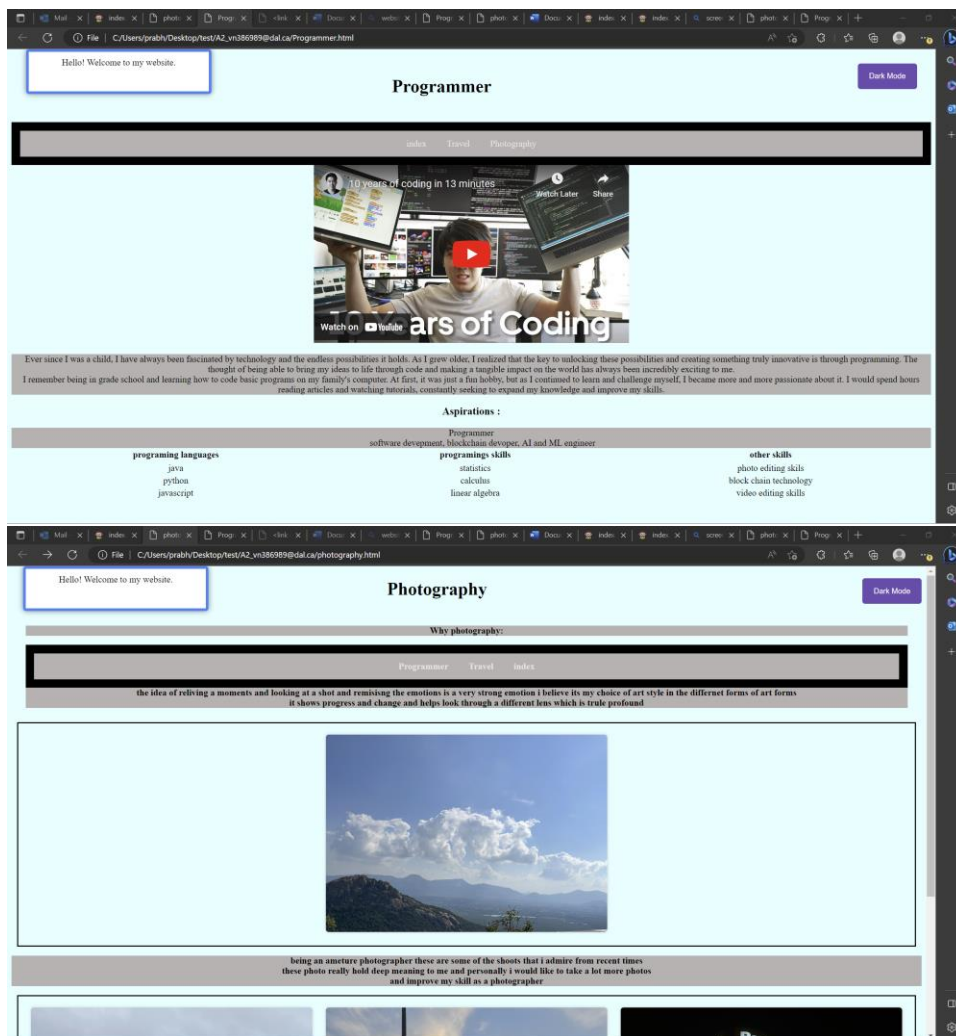
CSS.

2e) this is the current output with the implementations of the desired outcomes.

CHANGES MADE WITHOUT THE USE OF JAVASCRIPT

The website was improved and equipped to work with on different platforms like moblie,tablet and desktops using CSS. Other style elements have also been improved and some of the websites have been given a cleaner and minimal look.