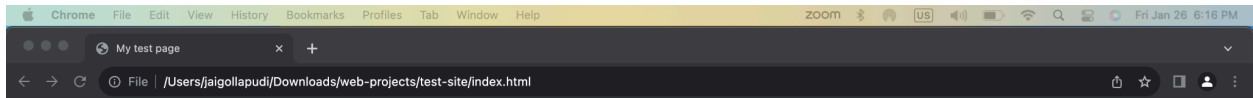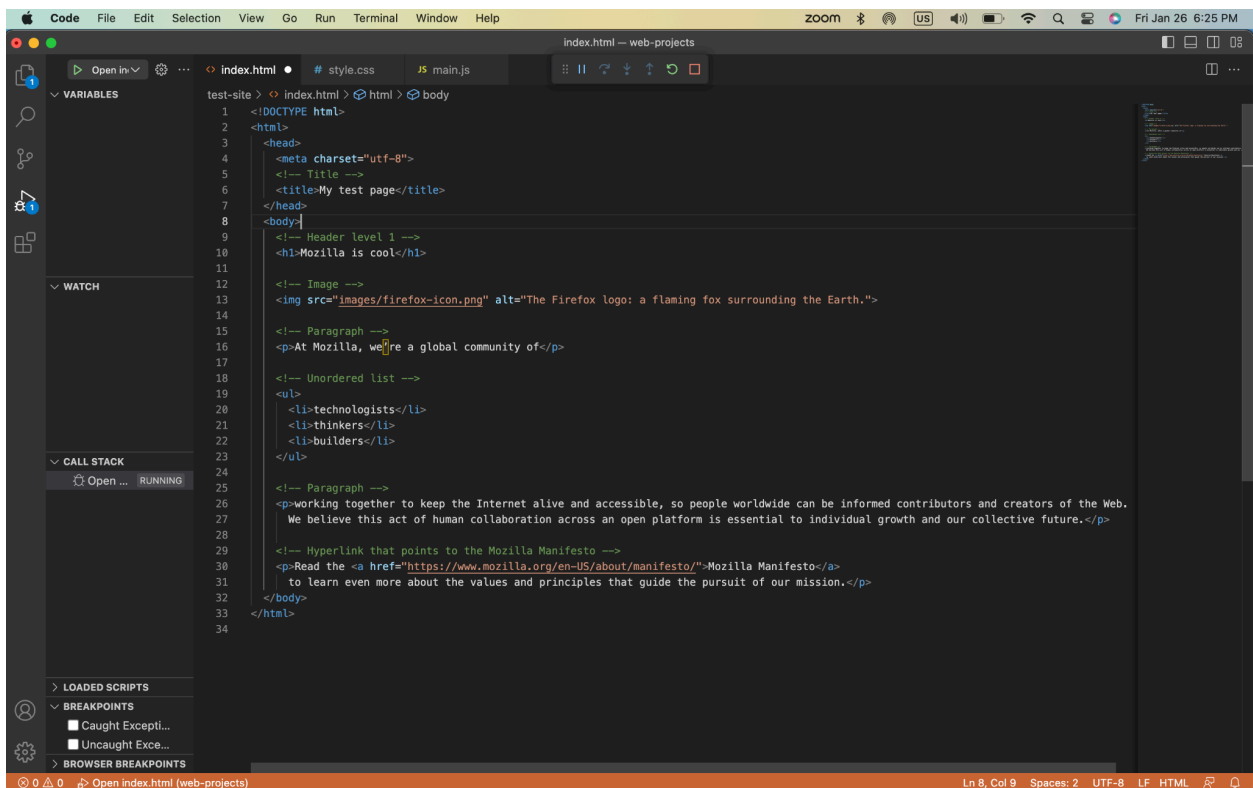# Part 1
HTML Basics

Mozilla is cool

At Mozilla, we're a global community of

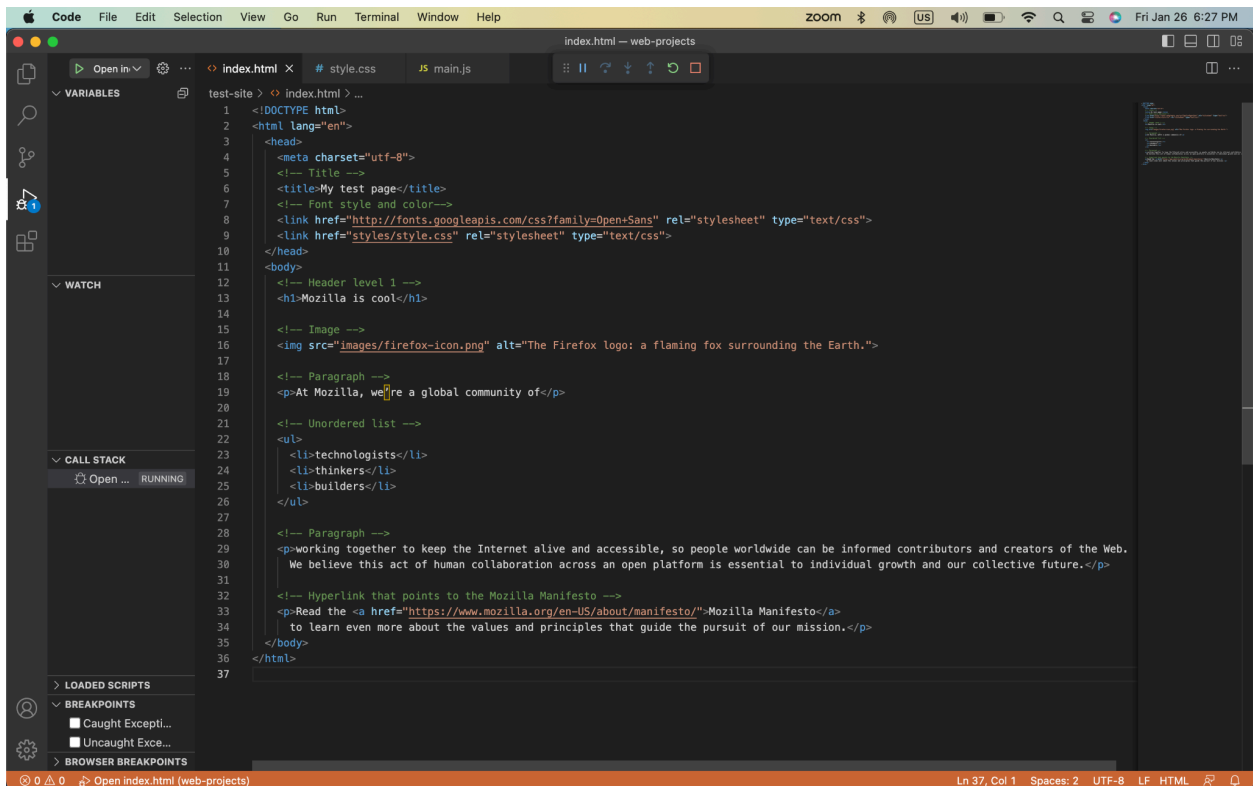- technologists
- thinkers
- builders

working together to keep the Internet alive and accessible, so people worldwide can be informed contributors and creators of the Web. We believe this act of human collaboration across an open platform is essential to individual growth and our collective future.

Read the Mozilla Manifesto to learn even more about the values and principles that guide the pursuit of our mission.

```html
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <!-- Title -->
    <title>My test page</title>
  </head>
  <body>
    <!-- Header level 1 -->
    <h1>Mozilla is cool</h1>

    <!-- Image -->
    <img src="images/firefox-icon.png" alt="The Firefox logo: a flaming fox surrounding the Earth.">

    <!-- Paragraph -->
    <p>At Mozilla, we're a global community of</p>

    <!-- Unordered list -->
    <ul>
      <li>technologists</li>
      <li>thinkers</li>
      <li>builders</li>
    </ul>

    <!-- Paragraph -->
    <p>working together to keep the Internet alive and accessible, so people worldwide can be informed contributors and creators of the Web.
      We believe this act of human collaboration across an open platform is essential to individual growth and our collective future.</p>

    <!-- Hyperlink that points to the Mozilla Manifesto -->
    <p>Read the <a href="https://www.mozilla.org/en-US/about/manifesto/">Mozilla Manifesto</a>
      to learn even more about the values and principles that guide the pursuit of our mission.</p>
  </body>
</html>
```
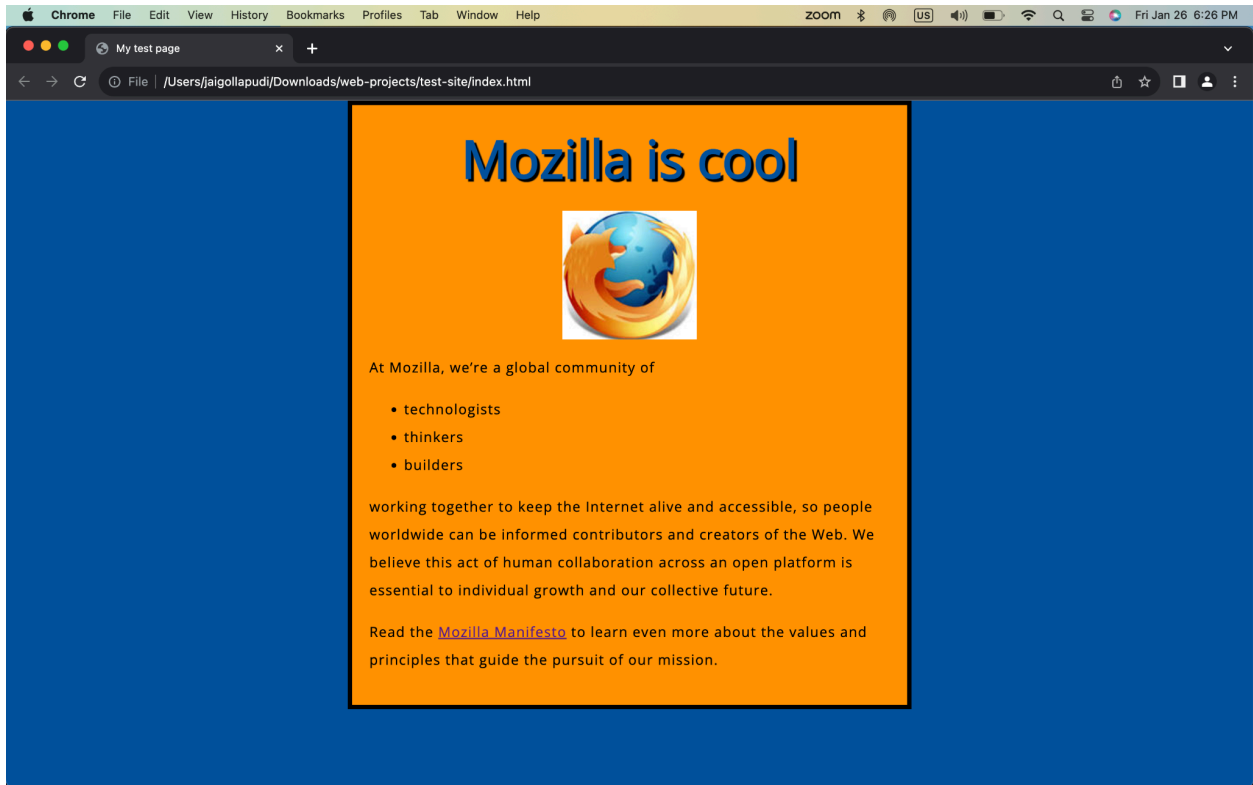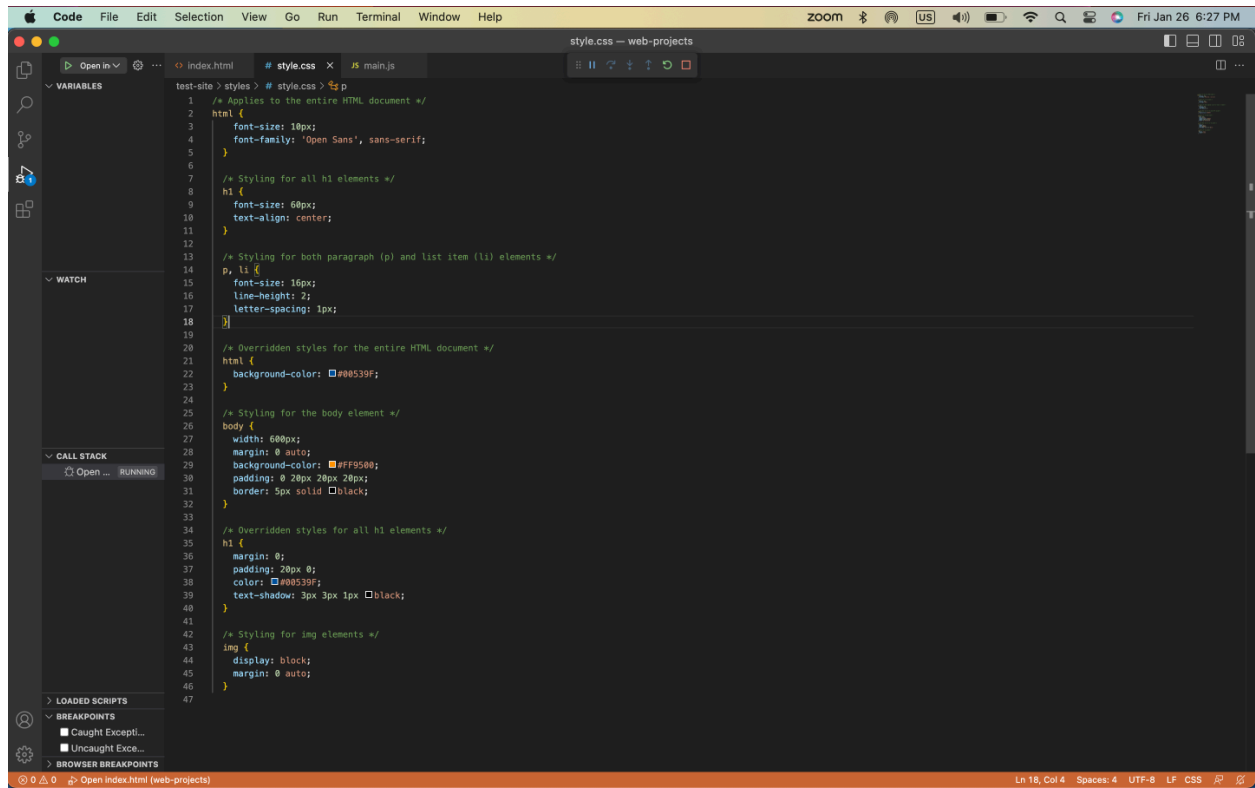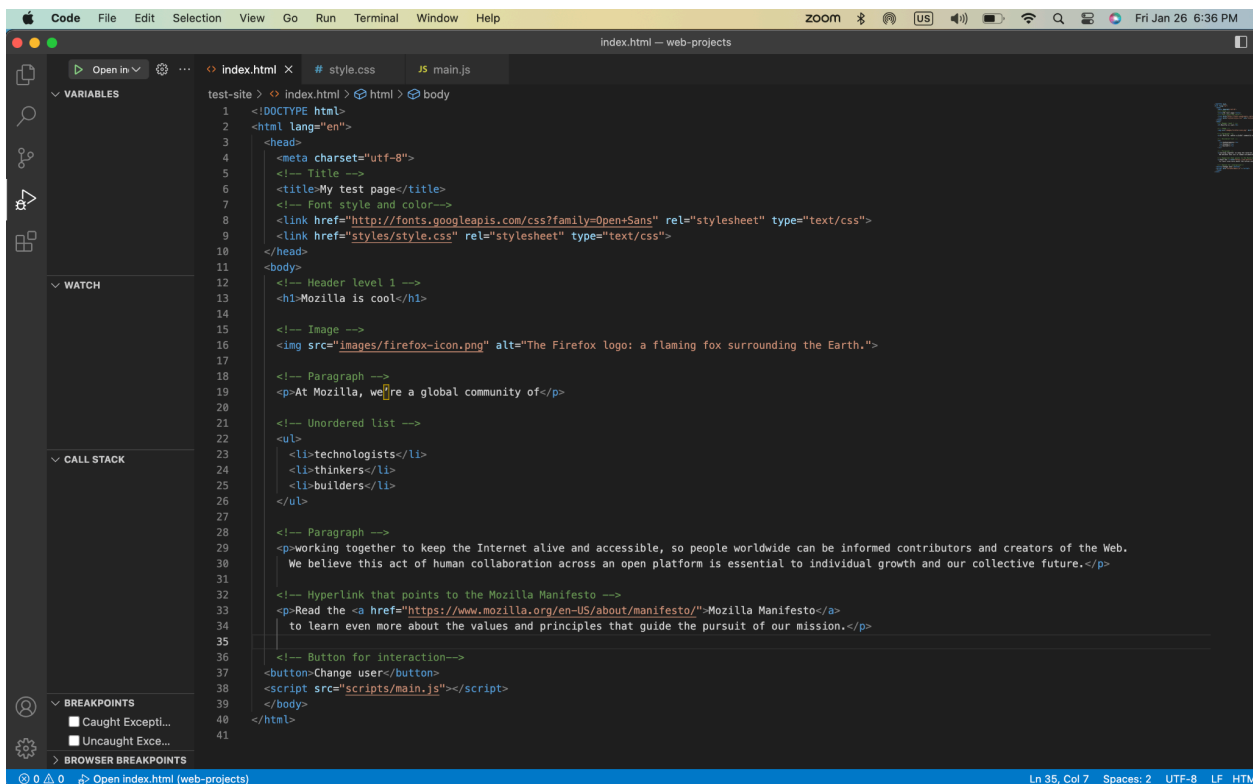
```css
/* Applies to the entire HTML document */
html {
    font-size: 10px;
    font-family: 'Open Sans', sans-serif;
}

/* Styling for all h1 elements */
h1 {
    font-size: 60px;
    text-align: center;
}

/* Styling for both paragraph (p) and list item (li) elements */
p, li {
    font-size: 16px;
    line-height: 2;
    letter-spacing: 1px;
}

/* Overridden styles for the entire HTML document */
html {
    background-color: #00539F;
}

/* Styling for the body element */
body {
    width: 600px;
    margin: 0 auto;
    background-color: #FF9500;
    padding: 0 20px 20px 20px;
    border: 5px solid black;
}

/* Overridden styles for all h1 elements */
h1 {
    margin: 0;
    padding: 20px 0;
    color: #00539F;
    text-shadow: 3px 3px 1px black;
}

/* Styling for img elements */
img {
    display: block;
    margin: 0 auto;
}
```

Part 1
JavaScript Basics

```css
/* Applies to the entire HTML document */
html {
    font-size: 10px;
    font-family: 'Open Sans', sans-serif;
}

/* Styling for all h1 elements */
h1 {
    font-size: 60px;
    text-align: center;
}

/* Styling for both paragraph (p) and list item (li) elements */
p, li {
    font-size: 16px;
    line-height: 2;
    letter-spacing: 1px;
}

/* Overridden styles for the entire HTML document */
html {
    background-color: #00539F;
}

/* Styling for the body element */
body {
    width: 600px;
    margin: 0 auto;
    background-color: #FF9500;
    padding: 0 20px 20px 20px;
    border: 5px solid black;
}

/* Overridden styles for all h1 elements */
h1 {
    margin: 0;
    padding: 20px 0;
    color: #00539F;
    text-shadow: 3px 3px 1px black;
}

/* Styling for img elements */
img {
    display: block;
    margin: 0 auto;
}
```

```javascript
// Image switcher code

let myImage = document.querySelector('img');

myImage.onclick = function() {
    let mySrc = myImage.getAttribute('src');
    if(mySrc === 'images/firefox-icon.png') {
        myImage.setAttribute ('src','images/firefox2.png');
    } else {
        myImage.setAttribute ('src','images/firefox-icon.png');
    }
}

// Personalized welcome message code

let myButton = document.querySelector('button');
let myHeading = document.querySelector('h1');

function setUserName() {
    let myName = prompt('Please enter your name.');
    if(!myName) {
        setUserName();
    } else {
        localStorage.setItem('name', myName);
        myHeading.innerHTML = 'Mozilla is cool, ' + myName;
    }
}

if(!localStorage.getItem('name')) {
    setUserName();
} else {
    let storedName = localStorage.getItem('name');
    myHeading.innerHTML = 'Mozilla is cool, ' + storedName;
}

myButton.onclick = function() {
    setUserName();
}
```

Part 2

Link to website: https://jaigollapudi.github.io/

Link to repo: https://github.com/jaigollapudi/jaigollapudi.github.io

Picture of website: