

Anusha Nelluri – anhx2@umsystem.edu

GitHub Link - https://github.com/NelluriAnusha/Demo_Remote/tree/main/Webpart/ICP2

Achyuth Kumar Valeti – avgh3@umsystem.edu

GitHub Link - https://github.com/AchyuthValeti/Demo_Remote/tree/main/Webpart/ICP2

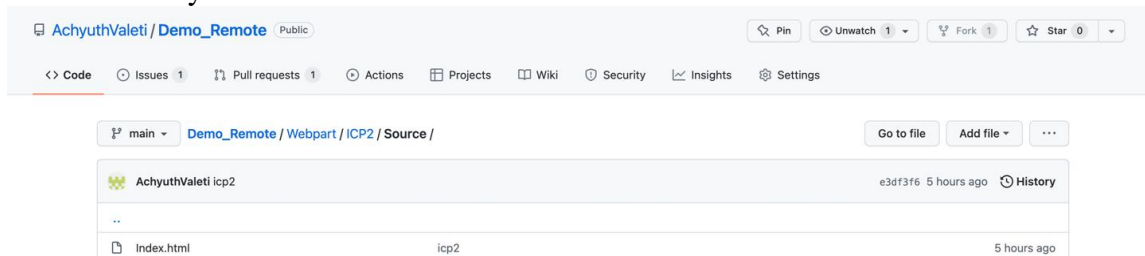
ICP2 (Introduction, HTML and CSS)

Introduction:

HTML is the core component for creating any website. It is used to define a webpage's structure. Its style is defined through CSS. HTML and CSS are required for the creation of any webpage. Both would be used to create fantastic websites.

Tasks:

1. Initially we have created a HTML file in the source folder of ICP2.

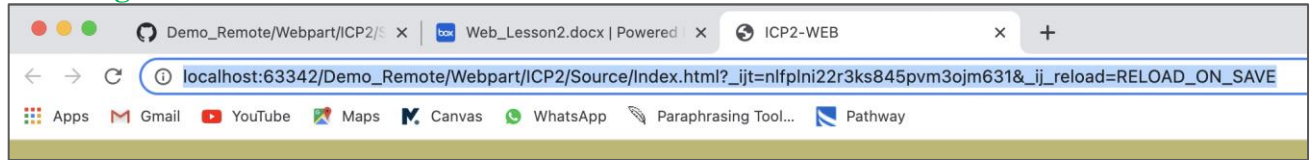


2. A webpage created using HTML and CSS. Each element of webpage is explained below. Initially we have created a Title called ICP2-WEB.

HTML Code:

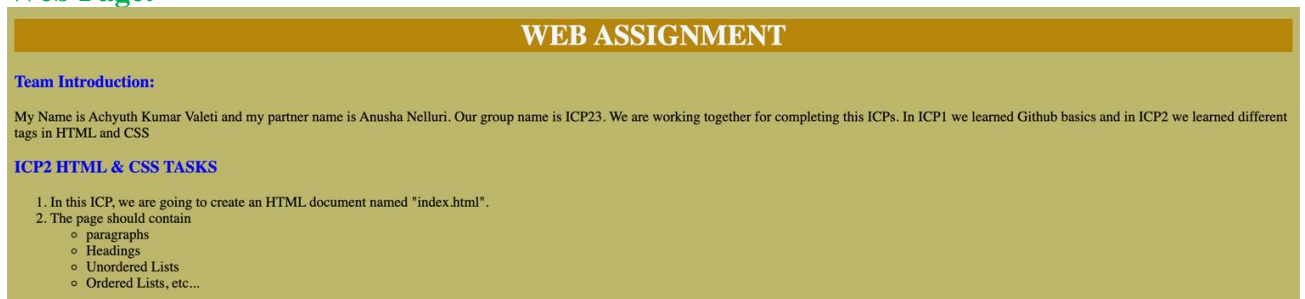
```
index.html
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8">
5 <title>ICP2-WEB</title>
6 <style>
7 .notediv {
8   border: 5px outset crimson;
9   background-color: aliceblue;
10  text-align: center;
11 }
12 .guidediv {
13   position: relative;
14   top: 0; right: 0; bottom: 0; left: 0;
15   border: 2px solid black;
16   color: white;
17   background-color: darkcyan;
18 }
19 </style>
20 </head>
```

Web Page:



- **Heading:** To display our titles or subheadings in a webpage we use Headings in HTML. Headings can be displayed by using h tags (<h1> to <h6>) based on the size you want to present. We have shown “Web Assignment” as main heading.
- **Paragraph:** To write the content inside a webpage we use paragraph in HTML. Paragraph can be displayed by using <p> tag. We have written our team information in paragraph.
- **Ordered List:** An order list (tag) in HTML is used when you want to show a list in an order with a number. We have shown the ICP2 Tasks using this.
- **Unordered List:** An unordered list (tag) in HTML is used when you want to show a list without any number. In webpage it will display with a dot for every list you want show. We have shown the ICP2 Tasks using this.

Web Page:



HTML code:

```
<!-- Topic Heading -->
<h1 style="background-color: darkgoldenrod; color: aliceblue;"><center>WEB ASSIGNMENT</center></h1>

<!-- Paragraph explaining our team details -->
<h3 style="color: blue;">Team Introduction:</h3>
<p>My Name is Achyuth Kumar Valeti and my partner name is Anusha Nelluri. Our group name is ICP23. We are working together for completing this ICPs. In ICP1 we learned Github basics and in ICP2 we learned different tags in HTML and CSS</p>

<!-- Unordered and order lists showing the ICP Tasks-->
<h3 style="color: blue;">ICP2 HTML & CSS TASKS</h3>
<ol>
  <li>In this ICP, we are going to create an HTML document named "index.html".</li>
  <li>The page should contain</li>
  <ul>
    <li>paragraphs</li>
    <li>Headings</li>
    <li>Unordered Lists</li>
    <li>Ordered Lists, etc...</li>
  </ul>
</ol>
```

- **Div and Span Elements:** The Block level components are organized with a div element, while the Inline elements are organized with a Span element. We use the Div element with the <div> tag to indicate a set of items with a specific style. If you wish to change the style of a specific text, you can use the Span element with the tag. We have shown guidelines and Note of ICP assignment to show the Div and Span elements.

Web Page:

ICP Submission Guidelines

Every student must follow the mentioned guidelines before submitting the ICPs.

Guidelines:

- Submission after the due date is considered a late submission and it can be individual or group contribution.
- Submit your source code and documentation to GitHub and upload your document in Canvas.
- Submission after the due date is considered as a late submission. Please complete all the ICPs in time.

Note: Cheating, plagiarism, disruptive behavior, and other forms of unacceptable conduct are subject to strong sanctions under university policy. See detailed description of university policy at the following <https://catalog.umkc.edu/special-notices/academic-honesty/>

HTML Code:

```
<!-- Div and Span elements showing the guidelines of ICP -->
<h3 style="color: blue">ICP Submission Guidelines</h3>
<p>
  Every student <span style="color: blue;">must follow</span> the mentioned guidelines before submitting the ICPs.
</p>
<div class="guidediv">
  <h3>Guidelines:</h3>
  <ul>
    <li>Submission after the due date is considered a late submission and it can be individual or group contribution.</li>
    <li>Submit your source code and documentation to GitHub and upload your document in Canvas.</li>
    <li>Submission after the due date is considered as a late submission. Please complete all the ICPs in time.</li>
  </ul>
</div>
```

```
<!-- Div and Span elements -->
<div class="notediv">
  <p><span style="...">Note: </span> Cheating, plagiarism, disruptive behavior, and other forms of unacceptable conduct are subject to strong sanctions under university policy. See detailed description of university policy at the following <a href="https://catalog.umkc.edu/special-notices/academic-honesty/" >https://catalog.umkc.edu/special-notices/academic-honesty/</a></p>
</div>
```

- **Block elements:** Historically, HTML elements were classified as either "block-level" or "inline-level" elements. Because this is a presentational characteristic, CSS is now being used to represent it. A Block-level element takes up the entire horizontal space of its parent element (container) as well as the vertical space equivalent to the height of its contents, forming a "block." We have taken 2 ICP assignments, our contact email to show the Block elements. Tags used <dl>, <dt>, <dd>, <address>.

Tag Description:

<dl> - used to create a list of descriptions

<dt> - used to define a name/term in description list and it should be followed by <dd>

<address> - used to specify a person's contact information or address.

Web Page:

ICP Assignments:

ICP1
Github Repository, Branch, Issue, Pull request creation

ICP2
Webpage creation using HTML, CSS tags

Contact Us:

- [Achyuth Kumar Valeti](#)
[+1 \(913\) 283-3427](#)
- [Anusha Nelluri](#)
[+1 \(913\) 284-5125](#)

HTML Code:

```
<!-- Block elements shown below (dl,dd,dt)-->
<h3 style="color: blue">ICP Assignments:</h3>
<dl>
  <dt>ICP1</dt>
  <dd>Github Repository, Branch, Issue, Pull request creation</dd>
  <dt>ICP2</dt>
  <dd>Webpage creation using HTML, CSS tags</dd>
</dl>
```

```
<!-- block element "address" showing our team contact information-->
<h3 style="color: blue">Contact Us:</h3>
<address>
  <li><a href="mailto:avgh3@umsystem.edu">Achyuth Kumar Valeti</a></li>
  <a href="tel:+19132833427">+1 (913) 283-3427</a>
  <li><a href="mailto:anhx2@umsystem.edu">Anusha Nelluri</a></li>
  <a href="tel:+19132845125">+1 (913) 284-5125</a>
</address>
```

- **Inline Elements:** Instead of interrupting the content flow, inline elements only take up the space defined by the element's tags. We utilized `<i>`, ``, `<a>`, ``, and `` as inline tags in our code.

Tag Description:

`<i>` - used to generate italic text.

`` - used to highlight a key word

`` - for displaying text in a bold color

`` - used to alter the color of a certain text

`<a>` - used to make text clickable

Web Page:

UMKC Website link to Submit the ICP

Click on the *following image* and it will redirect you to the **UMKC canvas**. ICPs can be submitted in [Canvas site](#).

HTML Code:

```
<!-- Inline elements shown in the following line-->
<h3 style="color: blue">UMKC Website link to Submit the ICP</h3>
<p> Click on the <i><span style="color: blueviolet;">following image</span></i> and it will redirect you to the <strong>
  UMKC canvas</strong>. <b>ICPs</b> can be submitted in
  <a href="https://umsystem.instructure.com/courses/98606/assignments">Canvas site</a>.</p>
```

- **Embedded Image:** We have taken UMKC image, when you click the image, it will redirect to the image location. We have use `` tag for executing.

Web Page:

UMKC Website link to Submit the ICP

Click on the *following image* and it will redirect you to the UMKC canvas. ICPs can be submitted in [Canvas site](#).



HTML Code:

```
<!-- Image embedded in the page. When you click it will redirect to UMKC canvas -->
<a href="https://umkc.edu/global-assets/images/social%20cards/social-large_1200x630.jpg" target="_blank">
  
</a>
```

- **Embedded video:** We have used a YouTube video explaining the HTML tags. Embedded video has play, pause options as well.

Web Page:

HTML tags demo video

A video explaining the tags are shown in the following video.



HTML Code:

```
<!-- Video embedded in the page. It will have controls like Play, Pause etc.., -->
<h3 style="...">HTML tags demo video</h3>
<p>A video explaining the tags are shown in the following video. </p>
<iframe src="http://www.youtube.com/embed/iX_QyjdctsQ"
        width="560" height="315" frameborder="0" allowfullscreen></iframe>
```

Contribution

We have contributed equally.

Conclusion

In this ICP2, we have learned various HTML Tags, CSS Tags, and their applications in creation of a webpage.

And, we have not faced any major challenges while doing the assignment.