

WEB ICP2

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In this ICP, we are going to create a Webpage which consists of paragraphs, headings, unordered list, ordered list, div & span elements, block and inline elements, image links and video.

1. We have used the **styling libraries** from the below path same was linked to my html page.

<https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css>

```
<title>First WebPage ICP-2</title>
<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css">
<style>
```

2. We added color to the complete background of page using CSS styles.

```
/*body background colour*/
body{

    background-color: #e8da78;
    background-repeat: no-repeat;
    background-size: cover;
    line-height: 2rem;
}
```

- we have inserted **the image** and **text** to the Header division which are aligned in line using the id's of the block.

CSS code:

```
/*Header image and text alignment style*/
#column {
    float: left;
    padding: 12px;
}

/* Clearfix (clear floats) */
#content ::after {
    content: " ";
    clear: both;
    display: inline-block;}
```

Html code : used image tag and h1 tag with style attribute color for the text.

```
<body>
  <!--Header Division-->
  <div id="content">
    <!--Header with image tag-->
    <div id="column">
      </div>

    <!-- Header text code with H1 tag with colour-->
    <div id="column">
      <h1 style="color: rgb(15,35,141)"> Hello!! welcome to our Webpage...</h1>
    </div>
  </div>
```

Output :



Hello!! welcome to our Webpage....

4. We split the header and the rest of body with a **horizontal line tag**`<hr>` and break tag `
`

Input code:

```
<!-- Break tag for the next line-->
    <br>
    <br><br><br><br><br>
<!-- horizontal line code-->
    <hr style="height:4px;border-width:0;color:gray;background-color:darkslategray">
```

Output:



5. In the next block we have used `<p>` tag for the paragraph text.

Input code:

```
<div>
    <h5>This HTML page illustrates elements like paragraphs,headings,unordered list,
    ordered list,div & span elements,block and inline elements,image
    links and video which are used in developing the web page.</h5>
</div>
```

Output:

This HTML page illustrates elements like paragraphs,headings,unordered list, ordered list,div & span elements,block and inline elements,image links and video which are used in developing the web page.

6. In the next block we have inserted the block elements like **unordered list**, **ordered list** and **The Description Details element**. Mentioned the appropriate comments for the code.

Input code:

```
<!--This segment has unordered lists-->
<div>
  <h2 style="color: azure">Group details</h2>
  <ul>
<!--elements in the list-->
    <li>Venu Linga</li>
    <li>Avinash Reddy </li>
  </ul>

  <h2 style="color: azure">Learning objectives of this class</h2>

<!--This segment has The Description Details element-->

  <dl>
<!--title of the context-->
    <dt>Web ICP's </dt>
    <!-- description of the context-->
    <dd> ** Going to have knowledge on developing web pages</dd>
    <dt>Mobile ICP's</dt>
    <dd> ** Will get to know how mobile applications pages are developed</dd>
  </dl>

<!--This segment has ordered lists-->
  <h2 style="color: azure"> completed In Class Programming (ICP'S) list </h2>
  <ol>
    <!--elements in the list-->
    <li> ICP1 - INSTALLATIONS (webstorm , GitHub components)</li>
    <li> ICP2 - HTML page and CSS </li>
  </ol>
</div>
```

We do used **<h2>** header tags with colored front.

Output:

Group details

- Venu Linga
- Avinash Reddy

Learning objectives of this class

Web ICP's

** Going to have knowledge on developing web pages

Mobile ICP's

** Will get to know how mobile applications pages are developed

completed In Class Programming (ICP'S) list

1. ICP1 - INSTALLATIONS (webstorm , GitHub components)
2. ICP2 - HTML page and CSS

7. In the below block we have used the ****, ****, **<small>** inline tags for the text.

Input code:

```
<div>

<!--    in the below element both <strong> and <b> makes letters to bold-->
<h3><strong>ICP1 </strong></h3>
<p>Installations of webstorm and Github account setup,
    Github components were briefly described in the first ICP</p>
<h4><b>ICP2 </b></h4>

<!--    in the below element <small> makes letters to small size-->
    <p><small>Development of html page with paragraphs, headings, unordered list,
        ordered list, div & span elements, block and inline elements, image links and video.
    </small></p>
</div>
```

Output:

ICP1

Installations of webstorm and Github account setup, Github components were briefly described in the first ICP

ICP2

Development of html page with paragraphs, headings, unordered list, ordered list, div & span elements, block and inline elements, image links and video.

8. In this division we have added the **class last**, where we used the **** tag to make the text to italic front and the **** tag to change the color of the word using color style.

Input html code:

```
<!--this segment contains image (youtube) that opens up a link in another tab-->

<div class="last">
    <p><strong>we added a image in the HTML file and should be clickable,i.e.,when
        you click the image, it should redirect you to the YouTube. </strong></p>

    <!-- the text is displayed in italics by the em tag-->
    <p>
        <em>
            "Here we have given a <span style = "color:rgb(178,16,100)" ;>YOUTUBE IMAGE</span>
            link to visit YouTube in new tab"
        </em>
    </p>
```

CSS code for the alignment of the class last.

```
/*the bottom div position with image click new tab and playing vedio.*/
.last{
    text-align: center;
    margin: auto;
    padding-top: 30px;
    line-height: 2.5rem;
    background-repeat: no-repeat;
    background-size: cover;
}
```

Output:

we added a image in the HTML file and should be clickable,i.e.,when you click the image, it should redirect you to the YouTube.

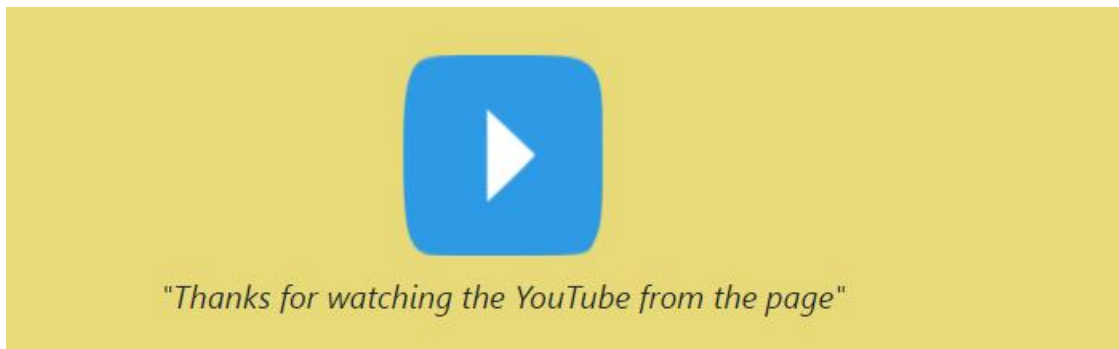
"Here we have given a YOUTUBE IMAGE link to visit YouTube in new tab"

9. In the same **class last**, we have used **anchor element** to represent a **hyperlink** with the **image display**.

Input code:

```
<a href="https://www.youtube.com/" target="_blank">
    </a>
<br>
<p><em>"Thanks for watching the YouTube from the page"</em></p>
```

Output:

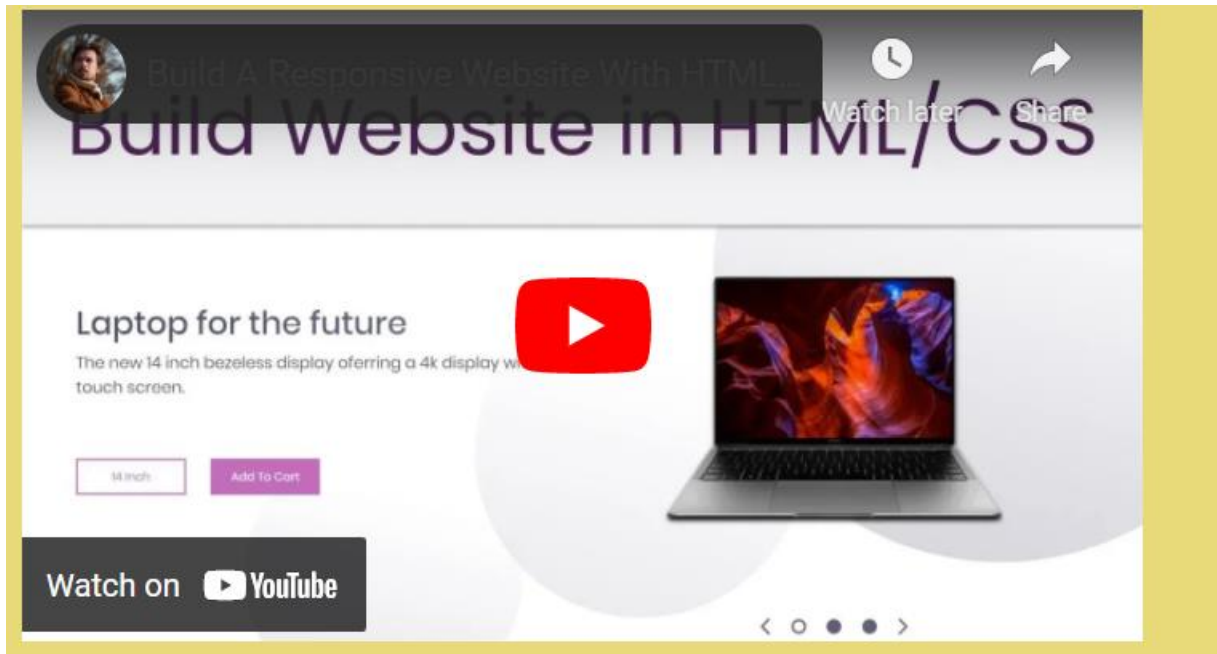


10. In the same class last, we included a new division to **display the playing video** with play, mute and pause options.

Input code:

```
<div>
    <iframe width="560" height="315" src="https://www.youtube.com/embed/ZeDP-rz0nAA"
        frameborder="0" allow="accelerometer; autoplay; clipboard-write;
        encrypted-media; gyroscope; picture-in-picture" allowfullscreen></iframe>
</div>
```

Output :



11. In the last, we have added the **form and address elements**. And inside the address section we do included the **anchor element to send mail**.

Input code:

```
<div>

<h3>Please share your name and contact number for any Queries will get back to you</h3>
<!--      form tag for the first name and contact to submit for the Queries-->

<form action="">
  <label for="firstname">First name: </label>
  <input type="text">
  <label for="contact" >Phone Number: </label>
  <input type="text" >
  <input type="submit" value="Submit">
</form>

<!--      Address tag used for the address of team-->
<address>
  Developed by <a href="mailto:venulinga63@gmail">Venu&&avinash</a>.<br>
  Visit us at: UMKC university,
  kansas city,Missouri,
  USA, 66223
</address>
</div>
```


Output:

Please share your name and contact number for any Queries will get back to you

First name:

Phone Number:

Submit

Developed by [Venu&&avinash](#).

Visit us at: UMKC university, kansas city, Missouri, USA, 66223

Conclusion:

By this ICP we have gained knowledge on how to build an web page with block, inline elements, various tags usage, linkage of CSS style attributes to html and also the practice on html tags to build a webpage.