

Assignment

Creating a web document.

Firstly I started creating my web page by opening sublime text editor and giving the file name with the extension (.html) and saved it in drive D.

The first tag that is used is `<!DOCTYPE html>` (doctype tag) which is used to define the version of HTML to the web browser.

Then followed by `<html>` (html tag) this tag is considered as the root element of the html document, all the other tags should be enclosed within opening and closing of the html tag except doctype html tag.

Followed by `<head>` (head tag), this tag consists of meta-information about the html document. Here in my web page the head tag consists of title tag (`<title>`) where the title of the html document is given. Head tag and title tag are both paired tags also known as container tags. The title of my web page is assignment 5.

#note: HTML supports two types of tags 1)paired tag and 2)unpaired tag.

Paired tags are those tags who have both opening as well as closing tags. `</p>`

Unpaired tags are those who have opening tag but do not have closing tag.

The closing tag is called as container tag

Within head tag I also gave title icon to my title by using link tag (`<link rel="" href="">`). Here rel means relation and href means hyper reference. The value of rel is given as icon and for href the location of image is given. Then we have to enclose the tag by using `</head>`. head tag is also a paired tag.

Now `<body>` (body tag) is given, this tag consists of the content that has to be displayed on the web page. To give the body of the web page a background color and image I made use of style attribute using the following syntax:

```
<body style="background-image:linear-gradient(45deg,rgba(200,13,24,0.2),rgba(90,50,190,0.2),rgba(70,80,30,0.2));" url(image file with png or jpg extension)>
```

Note: here the linear-gradient is used to make form the color coding. Rgba stands for red,green,blue and alpha. Here alpha is for brightness of the color shade, the maximum shade is 1 and least or light shade is 0.

Then I used marquee tag (`<marquee>`) to move a Particular text from one end of the web page to another.

Here to move the text “welcome to my page “ from left to right I use the style attribute and values it with direction and scrolling speed of 85ms.

Heading of the document is written inside a heading tag called `<h1>` (h1 tag). this tag is the most important heading and has the biggest font size. We can have as many h1 tag as we want in a web document but we will use only one in the entire document due to standardization. The heading of the document is “mola restaurant”

Here I have also made use of align attribute to make the text to be in center.

The syntax is as following: `<h1 align="center"> MOLA RESTAURANT</h1>`

A navigation tag (<nav>) is basically used to specify the anchor tag inside it for navigation purpose. Inside this anchor tag all the things to be navigated are written in here like menu, home, about us and all are given in this tag and all the text are hyper linked with another page or website. Inside <nav> we have <center> to keep the text in center.

Anchor tag is basically used to navigate from one web browser to the another web page with in the same window or within the new window. By default the web page loads within same page.

In order to open the web document in the new window, I made use of target attribute and the value is “_blank” and for within the same window we make use of “_self”.

There are three case to keep in mind while addressing the file.

Case 1: same folder in same window

```
<a href="#file location"> </a>
```

Case 2:specific content within the same page.

```
<a href="# anchor name value"> </a>
```

```
<a name="anchor name"
```

```
</a>
```

Case3:specific content within another window

```
<a href="htmlfile location#anchor name"></a>
```

Inside the nav tag I have given five values (HOME, FAMOUS ITRMS,MENU,ABOUT US and CONTACT US) all individual written inside anchor tag are linked different file names to open it.

The <hr> is used to draw horizontal line from one end of the web page to another.

The color of the hr is given black using color attribute.

Syntax: <hr color="black">

<hr> is an unpaired tag.

After the <hr> an image is added by using image tag () here src stands for source. With the src attribute, height and width attribute is also declared to arrange the size of the image.

<p> paragraph tag is used to provide the content in the form of paragraph on the web document or web page. It is also a paired tag.

Inside a paragraph tag I have opened a <div> to group the elements into a single block.

Syntax:<div style="border: 2px solid black;background-color: rgba(233, 215, 217, 0.95);width: 300px;">

To create a menu (ordered list tag) is used to represent a list of element with numbers . then the list of items are written inside the .

Same like that under Menu (unordered list tag) is used to represent a element with disc or square it does not have order or sequence.

 or break tag is used to break the line and move the control or remaining text to the other line. Then <div> is closed using </div>.

In `<div>` to move the block we can use the style attribute and give the (float:right;) property to move towards right and (margin-top:-567px) to move there block upward. Using this two properties we can arrange the placing of the blocks.

We can use `` to make a text or sequence of text italic. The contact us part of the document is given is linked here using the Anchor name property

Syntax: ` `

So now when we click on menu on the navigation bar it will directly show the menu content.

Link to another web page (famous items)

Now if we want to go to the page where the famous items are kept we have to make another html file and start doing the same procedure till `<head>`. Then in the body tag `<body>` here I have given the background image to the body using the style attribute and url() property.

Syntax: `<body style="background-image:url(image location or image name if in same location)">`

Then I gave a link where by after clicking to that link we can go to another web page in new window and it is done using a anchor tag with href and target attribute. The target attribute to link to new window is (_blank).

Syntax: `click here`

Then I gave the first heading `<h1>` to variety of items, then draw a horizontal line using `<hr>` and style and color to then line is given using style attribution with background-color () properties.

Syntax: `<hr style="background-color:black; height="2px;">`

Here I made use of `<div>` tag to group the elements into a group in single block so the I can moove the entire content where ever I want to. For first `<div>` block content ,I gave Style attribute with boarder, background-image,height and width properties and also added image using image tag. Where else in second `<div>` content I gave an addition property to style attribute that is float: and margin_top: properties. The float properties will shift the block to the right side of the web page and the margin-top property will move the blocks upwards and its value is given in (-) to move upward.

Syntax: `<div style="border: 2px solid black;background-color: rgba(238, 206, 222, 0.8);width: 600px;height: 480px;"><big>CHILLI CRAB</big>`

#Here `<big>` will make the text bigger compare to normal text. And to reduce the gave between the two blocks I used another `<div>` to the block and gave the style attribute with margin-right property.

Syntax: `<div style="margin-right: 30px;">`

`<div style="border: 2px solid black;background-color: rgba(238, 206, 222, 0.8);width: 600px;float: right;margin-top: -500px;height: 480px;"><big>CHICKEN BRIYENI</big>`

Like this few more blocks are created and arranged accordingly and the body is closed using `</body>` and the html tag is closed using `</html>`.

For recipe web page which is linked with the famous item page.

This page is opened when we click on the CLICK HERE link on the previous page which was using anchor tag. Then the same procedure is followed till the body tag.

Then the name attribute is given to complete the linking process.

Syntax: `<h1>RECIPIES</h1>`

If this anchor tag is not given the CLICK HERE link will not work.

Under this I also gave one anchor tag to link within the same page to view the videos which are placed at bottom of the page. So to access the video quickly I created an anchor tag to link within the same page.

Syntax: `click here for videos`

For the link to compete at the bottom where there is videos we have to give another anchor tag with name attribution.

Syntax: `RECIPIE VIDEOS</h2>`

Then the content are given within various tags such as `<h2>`, `<div>`, `` which I have discussed their function. In this page you can find the recipe and the video tutorial for better understanding.

For the link ABOUT US

when we click on ABOUT US a web page will open with the details of the staff and the location of our place and a form to apply for job.

This page is linked with the first home page by giving anchor tag in home page and giving the file name of this page. The previous linked is written as following:

`ABOUT US`

When we click about us in home page we are get to see a new page with some staff details on it.

The staff details are given in table form, for that table tag is used.

Inside table tag there is `<tr>` table row tag, `<td>` table data used to insert the data in the table row, `<caption>` used to describe the table, `<th>` table heading used insert the heading, `<thead>` table heading should be always inside the `<thead>` tag and `<tbody>` the body of the table should be always inside the `<tbody>`.

To merge the rows we have to use `<th rowspan="no.of rows to merge">` and to merge column use `<th colspan="no. Of columns to merge">`

Syntax for table is as following:

```
<table>
  <caption>table title and/or explanatory text</caption>
  <thead>
    <tr>
      <th>header</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <td>data</td>
    </tr>
  </tbody>
</table>
```

For the location I have used iframe tag to link the google map in the page.

Syntax: <P><iframe src="https://www.google.com/maps/embed?pb=!t" width="150" height="150" style="border:0;" allowfullscreen="" loading="lazy"></iframe>
</P>

For the form I have created another page where by one can click on the link and fill up the form.

Syntax: Click here to apply

In the form tag there are seven type attribute which are used to define the input types. Text ,number,password,email,checkbox,radiobutton,and files ,all the types are written in label and input tag.

Syntax: <form>

 <label for="name">NAME:^{*}:</label>

 <input type="text" style="height: 30px ; width:300px ;border-radius: 5px" id="name" placeholder="eg:John Dopfu" required="">

It also have submit value to submit the form and reset to reset the form
This form is closed usingb </form> </html>.

Thank you