

Practical - 1

Aim: Develop an HTML document for a webpage using character and page formatting elements.

- Various tags
- Create Divisions
- Insert an image

Theory: Character Formatting :-

Character Formatting is a process of formatting text for better look and feel. HTML provides us ability to format text without using CSS.

There are many formatting tags in HTML.

These tags are used to make text bold, italicized or underlined. HTML contains several elements for defining text with a special meaning.

Following is the list of HTML formatting text:

**** This is a physical tag, which is used to bold the text written between it.

**** This is a logical tag, which tells the browser that the text is important.

<i> This is a physical tag which is used to make text italic.

 This is a logical tag which is used to display content in italic.

<mark> This tag is used to highlight text.

<u> This tag is used to underline text written between it

<tt> This tag is used to appear a text in teletype. (not supported in HTML 5).

<strike> This tag is used to draw a strike-through on a section of text.

<sup> It displays the content slightly above the normal line.

<sub> It displays the content slightly below the normal line.

 This tag is used to display the deleted content.

<ins> This tag displays the content which is added.

<big> This tag is used to increase the font size by one conventional unit.

Page Formatting :

Page Formatting is a process of formatting page so that it appears in an organized way. There are a few HTML elements which we can use to format things in a consistent and organized way.

Page layout tags :-

- Header `<header>` :- The part of a front end which is used at the top of the page. `<header>` tag is used to add header section in web pages.
- Navigation bar `<nav>` :- The navigation bar is same as menu list. It is used to display the content information using hyperlink.
- Section `<section>` : HTML ~~<section>~~ elements represent a separate of a web page which contains related element grouped together. It can contain : text, images, tables, videos, etc.
- Article `<article>` : The article tag is used to contain a self-contained article such as big story, huge article, etc

Output :-

Learn HTML

Learn HTML

Underlined Text

This is subscript and ^{superscript}.

Chemical formula of water is H_2O . Hydrogen is the 1st element in periodic table.

This text is important!

This text is emphasized.

This is smaller text.

This is bigger text.

Little drops of **Water** make the mighty **Ocean**.

My favourite color is ~~Red~~ blue.

My favourite color is ~~Green~~ purple.

HELLO, this is a teletype text.

~~This is a PHP page.~~

Footer
info
wel
on
< p
in

Aside

re
ce
ca
fe

2 progr

! DC

< htm

< boo

< p>

< p>

< p>

< p>

- Footer : The footer section contains the contact information and other query related to web pages. The footer section always put on the bottom of the web pages. The `<footer>` tag is used to set the footer in web pages.
- Aside : HTML `<aside>` define aside content related to primary content. The `<aside>` content must be related to the primary content. It can function as side bar for the main content of web page.

Program :

Character Formatting :

```
<!DOCTYPE html>
<html>
<body>

<p><b> Learn HTML </b></p>
<p><i> Learn HTML </i></p>
<p><u> Underlined Text </u></p>
<p> This is <sub> subscript </sub> and <sup> superscript </sup> . </p>
<p> Chemical formula of water is H <sub> 2 </sub> O. Hydrogen is the 1 <sup> st </sup> element in periodic table. </p>
```

Output :-

ps1.html HTML header Tag Page Formatting

File | C:/Users/Abhishek/Desktop/S_SEM/PS/ps1(ii).html

Code with me

HTML XHTML PHP CSS

Welcome to Code with me

We provide you with the tools to practice coding. Practice coding to boost your skills. Code with me makes possible for you to invite others into your IDE project, and work on it together in real time.

Ultimate collaborative development

- Develop, debug and fix code simultaneously with your whole team in a single remote collaborative IDE.
- Invite your teammate to investigate issues and review and work on code together online in real time.
- Invite others to your project, so you can show and explain the code to them.

p> <st

:p> <e

.p> <sh

p> <big

p> <li

the

<p> N

<p> I

<p> <

</i

<p> <

</bo

</hi

<p> This text is important! </p>
<p> This text is emphasized. </p>
<p> <small> This is some smaller text. </small> </p>
<p> <big> This is some bigger text. </big> </p>
<p> Little drops of <mark> Water </mark> make
the mighty <mark> Ocean </mark>. </p>
<p> My favorite color is red
blue. </p>
<p> My favorite color is green
<ins> purple </ins> . </p>
<p> <tt> HELLO, this is a teletype text. </tt>
</p>
<p> <strike> This is a PHP page. </strike> </p>

</body>
</html>

Page Formatting:

<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width,
initial-scale=1.0">
<title> Page Formatting </title>

<style>

a {

text-decoration: none ;

color: black ;

font-size: 20px ;

padding: 10 px ;

}

a : hover {

color: blue ;

}

header {

background-color: #303030 ;

height: 80px ;

width: 100% ;

}

article {

float: left ;

padding: 30px ;

width: 500% ;

background-color: #707070 ;

}

section {

display: -webkit-flex ;

display: flex ;

}

section {

background-color: #303030 ;

width: 100% ;

font-size: 20px ;

color: white;

font-family: Arial, Helvetica, sans-serif;

padding-right: 15px;

padding-top: 10px;

}

footer {

background-color: # 303030;

padding: 10px;

text-align: center;

color: white;

h1 {

color: white;

text-align: center;

padding-top: 15px;

img {

height: 200px;

padding-left: 200px;

</style>

</head>

<body>

<header>

<h1> Code with me </h1>

</header> </body>

<nav style="background-color: #rgb(214, 6, 72);
padding: 15px 0px 15px 0px;">

```
<b>
  <a href="#"> HTML </a>
  <a href="#"> XHTML </a>
  <a href="#"> PHP </a>
  <a href="#"> CSS </a>
</b>
</nav>
<section>
  <h1 style="padding-left: 10px;">
    <b> Welcome to JCode with me <br> <br>
    Ultimate collaborative development
  </b> </h1>
  <p style="padding-left: 10px;"> <br>
    We provide you with the tools to practice coding.
    Practice coding to boost your skills.
    Code with me it makes possible for you to
    invite others into your IDE project, and work
    on it together in real time. <br> <br>
</p>
<article>
  <ul>
    <li><p> Develop, debug and fix code simultaneously
      with your whole team in a single remote
      collaborative IDE. </p> </li>
    <li><p> Invite your teammate to investigate
      issues and review and work on code
      together online in real time. </p> </li>
  </ul>
</article>
```

```
<div><p> Invite others to your project, so you can  
show and explain the code to them. </p></div>  
</ul>  
<img src = "hacker-kali-linux-binary-coded-KtJqxp9yc8v2irmc.jpg"  
alt = " Not available " >  
</article>  
</section> <br>  
<footer>  
    <p> Contact through :- abc@gmail.com </p>  
    <p> Copyright 2023-24 </p>  
</footer>  
</body>  
</html>
```

Result :

An HTML document for a web page using Character and Page formatting elements has been created successfully.

~~Mugan~~
~~27/07/2023~~

Teachers Signature _____