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WT Lab Assignment

ASSIGNMENT - I

i) Write all the basic tags in HTML.

A) $\rightarrow <\text{html}> </\text{html}>$ - creates a HTML document

$\rightarrow <\text{head}> </\text{head}>$ - sets of the title and other info that isn't displayed

$\rightarrow <\text{body}> </\text{body}>$ - sets of the visible portion in the document

$\rightarrow <\text{title}> </\text{title}>$ - puts name of the document in title bar.

Body attributes :-

$<\text{body bgcolor} = \text{hex value}>$ - sets background color, using name or hex value.

$<\text{body text} = \text{hex value}>$ - sets font color, using name or hex value.

$<\text{body link} = \text{hex value}>$ - sets color of links, using name or hex value.

$<\text{body vlink} = \text{hex value}>$ - sets color of visited links, using name or hex value.

$<\text{body alink} = \text{hex value}>$ - sets color of active links.

Text Tags :-

$<\text{pre}> </\text{pre}>$ - creates perforated text

$<\text{h1}> </\text{h1}> \dots <\text{h6}> </\text{h6}>$ - creates headlines

$<\text{b}> </\text{b}>$ - creates bold text.

$<\text{i}> </\text{i}>$ - creates italicized text.

`<tt> </tt>`

- creates typewriter-style font

` `

- emphasizes a word.

Links :-

` Clickable Text ` - creates a hyperlink to URL

` Clickable Text ` - creates a hyperlink to an email address

Formatting :-

`<p> </p>` - creates a new paragraph

`
` - inserts a line break

`<blockquote> </blockquote>` - puts content in quote -

Indents text from both sides.

`<div> </div>` - used to format block content with CSS.

Lists

` ` - creates an unordered list

`<ol start = " " > ` - creates an ordered list

` ` - encompasses list item

`<dl> </dl>` - creates a definition list

`<dt>` - precedes definition term

`<dd>` - precedes each definition

Graphical Elements :-

<hr> - Inserts Horizontal Rule.

 - Adds image in the URL.

Forms :-

<form> </form> - Defines a form

<select name=> </select> - Creates a pull down menu.

<option> - Sets of each menu item.

<textarea name=? cols="x" rows="y"> - Creates a text box area.

</textarea>

<input type="checkbox" name= value=> - Creates a check box.

<input type="radio" name= value=> - Creates a one-line text area.

<input type="submit" value=?> - Creates a submit with value displayed.

Tables :-

<table> </table> - Creates a table

<tr> </tr> - Sets of each row in the table.

<td> </td> - Sets of each cell in row.

<th> </th> - Sets of table headers.

Table Attributes:

<table border=?> - Sets the width of the borders around table cells.

<table cellspacing=?> - Sets amount of space between cells.

<table cellpadding=?> - Sets amount of space between a cell's border and its contents.

<table width=?> - Sets width of the table in pixels or as percentage.

<td align=?> - Sets alignment for cells.

<td rowspan=?> - Sets number of rows a cell should span.

<td nowrap> - Prevents lines within a cell from being broken to fit.

→ CSS - Cascading Style Sheet

CSS is used to define styles for your web pages, including the design, layout and variations in display for different devices and screen sizes.

Program:-

```
<html>                                → HTML tag  
<head>                                 → Head tag  
<title> Jakab Technologies </title> → Title tag  
</head>  
<body>                                  → Body tag  
<p> Hello World! </p> → paragraph tag.  
</body>  
</html>
```

O/p:-

Hello World!

Program-2 :-

```
<html>  
<head>  
<title> Anchor Tag </title>  
</head>  
<body>  
    <a href = "https://www.google.com"> <a> →①  
    <a href = "https://www.google.com" target =  
        "blank"> →②  
    <a href = "mailto:abcdef@gmail.com"> send mail  
    <a> →③
```

[call](tel:9999999999) → ④

</body>

</html>

① This will go to the given link when clicked.

it in the same page.

② This will go to the given link when clicked.
it in a different page.

③ This will try to create a new mail to the
given email address.

④ This will link a phone number to the
web page.

Program -3 :-

<table style="width:100%">

①

<tr>

<td>

②

<th> A </th>

<th>

③

<th> B </th>

<th> C </th>

</tr>

<tr>

<td> D </td>

④

<td> E </td>

<td> F </td>

</tr>

⑤

```
<tr>
  <td> G </td>
  <td> H </td>
  <td> I </td>
</tr>
</table>
```

⑥

- ① Creating a table
- ② Initializing a row
- ③ Adding heading to the row.
- ④ Adding elements to the row
- ⑤ closing the row
- ⑥ closing the table.

Program-4

```
<html>
  <head>
    <title> Lists </title>
  </head>
  <body>
    <ul>
      <li> A </li>
      <li> B </li>
      <li> C </li>
    </ul>
```

<lu>

<ol type="i">

 D

 E

 F

<dl>

<dt> Q <dt>

<dd> Q is a alphabet <dd>

<dt> H <dt>

<dd> H is another alphabet <dd>

<ldl>

<body>

<htnl>

O/p:-

• A

• B

• C

i D

ii E

iii F

Q

- Q is an alphabet

H

- H is another alphabet.

Program - 5

```
<html>
<head>
<title> Frames </title>
<head>
<frameset cols = "10%, 80%, 10%">
<frame src = "frame1.html">
<frame src = "2.html">
<frame src = "3.html">
</frameset>
</html>
```

Frame tags are used to insert ~~web pages~~ into the main web page.

Program - 6 :-

```
<html>
<head>
<title> forms </title>
<head>
<body>
<form>
As: <input type = "text" name = "a"/><br/>
```

B: <input type="text" name="b">

<label for="c"> C </label>

<input type="password" id="c" name="c"/>

B: <input type="radio" id="d" name="d" value="0"/>

<input type="checkbox" id="e" name="e" value="1"/>

<label for="e"> E </label>

<input type="submit" value="Submit"/>

</form>

</body>

</html>

O/p:-

A: ABC

B:

A B C D E F G H I J K
L M N O P Q R S T O
V W X Y Z

C: XXX

D: @ D

E

Submit

CSS:-

1. Cascading Style Sheet.

→ This is used to add style to the HTML page

→ There are 3 types of CSS based on their position in the program

(i) inline CSS

(ii) internal CSS

(iii) external CSS

(i) inline CSS :-

This has the CSS property in the body section attached with element.

e.g:-

<html>

<head>

<title> Inlini </title>

</head>

<body>

<p style = "color: red;"> WT </p>

</body>

</html>

(ii) Internal CSS :-

This is when the CSS property should be written
the HTML file in the head section.

Program :-

```
<html>
```

```
<head>
```

```
<title> Internal </title>
```

```
<style>
```

```
main {
```

```
background-color: red;
```

```
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<div class="main">
```

```
<p> A </p>
```

```
</div>
```

```
</body>
```

```
</html>
```

(iii) External CSS :-

- External CSS contains separate CSS file which contains only style property with help of tag attribute.
- We use the link tag to link the external CSS.

Program :-

+ .css file

body {

background-color : pink;

}

HTML file

<html>

<head>

<link rel="stylesheet" href="A.css"/>

</head>

<body>

<div class = "main">

<p> + π </p>

</div>

</body>

</html> .