

Assignment - 2

web - d

1) State four difference Between hypermedia and Hypertext?

Ans

Hypertext	Hypermedia.
1 Hypertext Refers to the System of managing the Information Related to the Plain text	1 Hypermedia Refers to Connecting Hypertext with other media. Such as graphics, Sounds, animation
2 Hypertext involves only text	2. It involves graphics, image, video, audio etc.
3 Here only text becomes the part of link	3 It is enhanced version of hypertext here along with text other multimedia also becomes the part of link
4 Hypertext is the part of Hypermedia means it comes under hypermedia	4. Hypermedia is the Superior entity which is the advanced version of hypertext

2) (a) Bold tag → In HTML Bold tag () display the written paragraph or written text in bold format.

Syntax -

 this text is bold

(B) Strong tag - It defines the ~~tag~~ text with Strong importance. The content inside is typically displayed in bold.

` This text is important! `

(C) Em tag - The HTML `` element defines emphasized text. The content inside is typically displayed in italic.

` This text is emphasized `

(d) META TAG - The `<meta>` tag defines Metadata about an HTML document. Metadata is data (information) about data.

`<meta>` tags always go inside the `<head>` element & are typically used to specify character set, page description, keywords, authors of the documents and viewport settings.

Metadata will not be displayed on the page but is machine parsable.

`<meta name="keywords" content="HTML, CSS, JavaScript">`

Define keywords for Search Engine.

`<meta name="description" content="Free web tutorials for HTML and CSS">`

Define description for web page.

<meta name="author" content="John Doe">

Define author page.

<meta http-equiv="Refresh" content="180">

Refresh document every 30 seconds.

<meta name="viewport" content="width=device width,
initial-scale=1.0">

Define the viewpoint to make your websites look
good on all devices.

4) write an HTML program to create the following
output (using Nested List).

Ans

<!DOCTYPE HTML>

<html>

<body>

<h1> Some Department Details </h1>

<h2> Department of Computer Science </h2> ~~~~

 B.Sc. Computer Science

 M.Sc. Computer Science

 PGDCA

~~~~

<h2> Department of Mathematics </h2>

 B.Sc. Mathematics

 M.Sc. Mathematics

 M.Phil Mathematics

 <h2> Department of Zoology </h2>

 B.Sc. Zoology

 M.Sc. Zoology

 M.Phil. Zoology

 Ph.D. Zoology

</body>

</html>

6) What is form? Explain its Basic elements
Write a program to.

Ans FORMS → An HTML form is used to collect
User Input. The user input is most often
Sent to a Server for processing.

① Input Elements The HTML input element is the
most used form element.

An <input> element can be displayed in many ways
depending on the type attribute.

② The <label> Element → The <label> tag defines a
label for many form elements.

The <label> element is useful for Screen-Reader users.
because the Screen-reader will read out loud the label
when the user focus on the Input element.

The <label> element also help users who difficulty
clicking on very small regions (such as Radio buttons
or Check box). because when the user click the text
with the <label> element it toggles the Radio button/
checkbox.

③ The <select> Element → The <select> element defines a drop-down list.

④ The <option> element → The <option> element defines an option that can be selected. By default the first item in the drop-down list is selected.

⑤ The <textarea> Element → The <textarea> element defines a multi-line input field.

⑥ The <button> Element → The <button> element defines a clickable button.

⑦ The <fieldset> and <legend> Element

The <fieldset> element is used to group related data in a form.

The <legend> element defines a caption for the <fieldset> element.

⑧ The <datalist> Element

The <datalist> element specifies a list of pre-defined options for an <input> element.

Users will see a drop down list of the pre-defined options as they input data.

⑨ The <output> Element → The output Element represents the result of a calculation.

Program

1) Add a button on a form.

```
<!DOCTYPE html>
<html>
  <body>
    <h2> The button Element </h2>
    <button type="button" onclick="alert('Hello World')
      " > Clickbutton! </button>
  </body>
</html>
```

2) Order list in a page.

```
<!DOCTYPE html>
<html>
  <body>
    <h2> An ordered list is </h2>
    <ol>
      <li> item1 </li>
      <li> item2 </li>
      <li> item3 </li>
    </ol>
  </body>
</html>
```

3) Add menu in page.

```
<!DOCTYPE html>
<html>
  <body>
  <head>
    <h1> <title> All about coffee </title>
  </head>
  <body>
    <h1> All about coffee </h1>
```

<nav>

 Home

 Brewing

 Grinding

 Roasting

 Coffee Survey

</nav>

</body>

</html>