

24. Explain in brief Web Server, Mail Server & Web Browser.

25. Write HTML code to Create a sample web page using HTML elements, include-

1) a link

2) an Image

3) a table

26. Using HTML form element create a student registration form with submit and reset buttons

```
<html>
<head>
<title>
Registration Page
</title>
</head>
<body bgcolor="lightskyblue">
<br>
<br>
<form>
<label> Firstname </label>
<input type="text" name="firstname" size="15"/> <br> <br>
<label> Middlename: </label>
<input type="text" name="middlename" size="15"/> <br> <br>
<label> Lastname: </label>
<input type="text" name="lastname" size="15"/> <br> <br>
<label>
Course :
</label>
<select>
<option value="Course">Course</option>
<option value="BCA">BCA</option>
<option value="BBA">BBA</option>
<option value="B.Tech">B.Tech</option>
<option value="MBA">MBA</option>
<option value="MCA">MCA</option>
<option value="M.Tech">M.Tech</option>
</select>
<br>
<br>
<label>
Gender :
</label><br>
<input type="radio" name="male"/> Male <br>
<input type="radio" name="female"/> Female <br>
<input type="radio" name="other"/> Other
<br>
<br>
<label>
Phone :
</label>
```

33. Describe Image maps with the help of example.

An image map is an HTML feature that enables developers to create hyperlinks over different sections of an image, without having to break up the image. These shapes can come in a variety of sizes and enable developers to match links to visual elements on images, such as making a circular action button a clickable link. An image map is created by adding the 'usemap' attribute to an tag, which specifies the ID of a <map> tag.

Examples of use for image maps

There are many varied uses for image maps. These maps support creating links in a variety of shapes, so their use can get quite creative; from simply creating actionable links over simple button shapes to more intricate uses, like making the boundaries of different regions on a map into clickable elements. Another example of where image maps could be implemented would be a photograph featuring several people where each person is turned into a clickable element.

34. Enumerate the differences between Java and JavaScript

35. Explain following terms in detail:

1: HTML 5

Introduction: HTML stands for Hyper Text Markup Language. It is used to design web pages using a markup language. HTML is an abbreviation of Hypertext and Markup language. Hypertext defines the link between the web pages. The markup language is used to define the text document within the tag which defines the structure of web pages. HTML 5 is the fifth and current version of HTML. It has improved the markup available for documents and has introduced application programming interfaces (API) and Document Object Model (DOM).

2: CSS 3.

Cascading Style Sheets (CSS) is a style sheet language used for describing the look and formatting of a document written in a markup language. CSS3 is the latest standard of CSS earlier versions (CSS2). The main difference between CSS2 and CSS3 is as follows:

- ☐ Media Queries
- ☐ Namespaces
- ☐ Selectors Level 3
- ☐ Color

36. Explain with the help of example how to insert any image in a webpage.

1. Upload your image

This can be accomplished with an image hosting service, an FTP service or a bloghosting service. Select whichever works best for you. Begin your insertion by uploading an image.

2. Open your HTML doc

This is self-explanatory, just make sure it's the HTML document for the place where you want to insert the image.

3. Copy and paste your image URL into an IMG tag, add a SRC to it

Identify first where you'd like to place your image within the HTML and insert the image tag, . Then take your uploaded image, copy the URL and place it within your img parameters prefaced by a src. The end result of this step should look like this:

```

```

4. Add alt attribute and finishing touches

This helps identify what the picture entails. For example, if it's a picture of an umbrella on a beach, write the alt tag to include something about a beach umbrella. Be very descriptive as if you were describing it to someone who couldn't look at it.