**Do it in Group of 3 or 5 and try to upload each one on its GITHUB account and Share with me its link via email.**

**Due Date 06 Oct 2021 11:59PM**

**Write your Group Members name Id in Contact Page.**

**I will take VIVA in office Hours.**

**If someone do alone then its VIVA chances are less.**

Q1: What is Image Map Tag, Picture Element and How we can add image in background without using CSS? Give one Example of Each.

Answer: **Image Map Tag**

The **<map> tag** is used to define an image map. An image map is an image with clickable areas. The required name attribute of the <map> element is associated with the <img> usemap attribute and creates a relationship between the image and the map.

**Picture Element**

The HTML <picture> element gives web developers more flexibility in specifying image resources.

The <picture> element contains one or more <source> elements, each referring to different images through the srcset attribute. This way the browser can choose the image that best fits the current view and/or device.

Each <source> element has a media attribute that defines when the image is the most suitable.

Example link:

Q2: List down all tags categories in HTML5 and HTML4?

Answer:

1. Paired Tags

Paired tags have an opening and closing tag.

1. Meta tag

DOCTYPE, title, link, meta and style

1. HTML text Tags

<P>, <h1>, <h2>, ,h3>, <h3>, <h5>, <h6>, <strong> <em>, <

1. HTML link tag

<a> and <base>

1. HTML list Tag

<ul>, <ol>, <li>, <dl>, <dt> and <dd>

1. HTML Image and Object Tag

<img>, <area>, <map>, <param> and <object>

Q3 Difference between HTML and XHTML?

Answer:

HTML and XHTML are both language in which web page are written. Html is SGML-based while XHTML is XML base.

|  |  |  |
| --- | --- | --- |
|  | HTML | XHTML |
| Extension | .html, .htm | .xhtml, .xht, .html, .htm |
| Internet Media Type | Text/html | Application/xhtml+xml |
| Developed by | W3c & WHATWG | World Wide Web Consortium |
| Types of Format | Document file format | Markup Language |
| Stand For | Hypertext Markup Language | Extensible Hypertext Markup Language |
| Version | HTML 2, HTML 3.2, HTML 4.0, HTML 5. | XHTML 1, XHTML 1.1, XHTML 2, XHTML 5. |
|  |  |  |

Q4: Try to Make Four Html Pages with Following properties:

**Page 1 Home Page=** What is Introduction of Your Web Page, Use Semantic Tags and meta tags also you have some link to redirect to specific topic with in page, This page must also include header footer and navigation bar of other pages,

Home page must have title, Favicon, Some proper styles color font no CSS.

**Page 2 My Hobbies=** Add order and un-order List of Hobbies in this page also add you favorite Game (Online and Physical) detail. Font color text size must be same color scheme like home page.

Try to make Two tables in which first you add favorite hobbies then favorites games of yourself and your friend also. Try to make table color full

**Page 3 My Favorite Media=** Add social media, YouTube video and other stuff (Pic). Here you can use Div tag or table tag to divide webpage in two portion and in one side we can see your favorite posts of social media and on other side we can see you favorite videos link at least 5.

Use some fixed picture some from online web live links

**Page 4 Contact Here=** You have to add your Name, Designation, Email, Contact# and Location of your office in Google Map

\*Try to use all tags your read in class + lab and if not try to read by yourself.

\*I am expecting unique formatted with unique content colorful website.

\*First 3 Question solutions must also be uploaded on GitHub with Assignment No.1 Solution title doc file.