MODULE:2(CSS AND CSS 3)

- What are the benefits of using CSS?
  - ➤ ANS=simply we use the css for beautify the html structure. The main advantage of css is that style is applied consistently across variety of sites.one instruction several areas which is advantageous.

- What are the disadvantages of CSS?
  - ➤ ANS= The disadvantages are given below,
    1) confusion due to many CSS versions.
    2) Cross-browser issues.
    3) Limited security.
    4) Extra work for developers.

- What is the difference between CSS2 and CSS3?
  - ➤ CSS 2: splits up different sections of the code into modules.
  - ➤ CSS3: both CSS and HTML were into a single file there was no concept of modules before.
  - ➤ CSS2: There is no backward compatibility with CSS2.
  - ➤ CSS3: There is backward compatibility maintained with CSS3.
  - ➤ CSS2: does not supported border box property.
  - ➤ CSS3: supported border box property.

- Name a few CSS style components
  - ➤ 1) selector: HTML element name, id name, class name.
  - ➤ 2)property: Background -color, size, position, text align.
  - ➤ 3)values: which define the properties or value.

- What do you understand by CSS opacity?
  - ➤ The opacity property sets the level of transparency of an element. where 1 is not transparent all.
  - ➤ This property allows to make an element fully transparent.

- How can the background color of an element be changed?
  - ➤ We can simply use the background -color property, we can set background-color by selecting the elements by class name, id name and then apply the background color.

- How can image repetition of the backup be controlled?
  - ➤ We use the background-repetition property controls the repetition of image in background.

- What is the use of the background-position property?

- ➢ The background-position property sets the starting position of a background image.
- Which property controls the image scroll in the background?
  - ➢ For control the scrolling of an image in the background we use the background-attachment.
- Why should background and color be used as separate properties?
  - ➢ It makes the style sheets more legible. Background property, which is complex in itself, becomes all the more complex with color. Color is an in-built property while the background is not one.
- How to center block elements using CSS1?
  - ➢ By setting the properties margin-left and margin-right to auto and width to some explicit value:
- How to maintain the CSS specifications?
  - ➢ It is maintained using the world wide web consortium.
- What are the ways to integrate CSS as a web page?
  - ➢ Three ways to integrate CSS as a web page 1) external 2) internal 3) inline.
- What is embedded style sheets?
  - ➢ It allows you to define styles for a particular HTML document as a whole in one place.
- What are the external style sheets?
  - ➢ An external style sheet is a separate CSS file that can be accessed by creating a link within the head section of the webpage. Multiple webpages can use the same link to access the stylesheet.
- What are the advantages and disadvantages of using external style sheets?

Advantages

1) The style of a few documents can be controlled from the site by utilizing them.
2) Multiple HTML elements can have numerous documents, where classes can be made.
3) To assemble styles in complex circumstances, selector and grouping strategies are utilized.

Disadvantages

1) The additional download is expected to import documents having style information.
   2) To render the documents, the outer template ought to be stacked.
   3) Not practical for small style definitions.

- What is the meaning of the CSS selector?
    - A CSS selector is the first part of a CSS Rule. It is a pattern of elements and other terms that tell the browser which HTML elements should be selected to have the CSS property values inside the rule applied to them.
- What are the media types allowed by CSS?
    -
        - continuous or paged.
        - visual, audio, speech, or tactile.
        - grid (for character grid devices), or bitmap.
        - interactive (for devices that allow user interaction), or static (for those that do not).
        - all (includes all media types)

- What is the rule set?

    - Class rules allow you to share code across rules, and even across Rule Sets. Using Class rules can help you organize your code and make it easier to maintain and reuse.
- Create Layouts

MODULE:3(HTML 3)

- What are the new tags added in HTML5?
    - In html 5 new tags added which are given bellows,
        1) <header>
        2) <main>
        3) <mark>
        4) <meter>

- How to embed audio and video in a webpage?
    - To embed audio, we use the audio tag and for the add video we use video tag.
- Semantic element in HTML5?
    - Semantic element in html5 have meaningful names which tells about type of content.

- ➢ Semantic elements are
    1)<article>
    2) <aside>
    3)<detail>
- Canvas and SVG tags

    - ➢ Multiple graphical elements, which become the part of the page's DOM tree.
    - ➢ Single element similar to <img> in behavior. Canvas diagram can be saved to PNG or JPG format.
    - ➢ Vector based (composed of shapes)
    - ➢ Raster based (composed of pixel)
    - ➢ SVG gives better performance with smaller number of objects or larger surface.
    - ➢ Canvas gives better performance with smaller surface or larger number of objects.