

## Module: 2:

1) What are the benefits of the using CSS?

- ⇒ Better user experience. CSS not only makes web pages easier to use, it also allows for easy formatting changes and quick development time and easy formatting changes and compatibility across devices.

2) What are the disadvantages of CSS?

- ⇒ Confusion due to many CSS levels. Beginners are more vulnerable to this issue.
- ⇒ Security issue is important in today's world driven by technology and data. Extra work for developers.
- ⇒ Cross browser issues. Different browsers work differently.

3) What is the difference between CSS2 and CSS3?

⇒ CSS2

→ There are new ways you can write CSS rules with a bunch of CSS selectors.

⇒ There is no backward

compatibility with CSS2.

⇒ With CSS2 only web safe fonts can be used.

⇒ With CSS2 the concept of simple selectors are present.

→ Using CSS2 for rounded borders, adding the CSS styles will complex.

⇒ CSS2 doesn't support the border-box property.

⇒ There will be no new ways of writing the CSS rules.

⇒ There is backward compatibility

maintaining with CSS3.

⇒ With CSS3 special fonts can be used such as those in Google Fonts and Typecast.

⇒ With CSS3 the selectors are called as a sequence of simple selectors

⇒ With CSS3, there is provision for automatically assigning rounded borders to objects.

⇒ CSS3 supports the border-box property.





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### Components?

4) Name of the CSS style Components: name, id name, class name.

⇒ Selected: the element name, id name, such as background color.

1) Property: It's like an attribute such as align, color, border, font-size, position, text-align, values allocate for

2) values & which defined property or values allocate for properties.

5) How can the background color of an element be described?

⇒ The background-color property sets the background color of an element. The background of an element is the total size of the element including padding and border.

⇒ Tip: Use a background color and a text color that makes the text easy to read.

6) How can image selection of the background be controlled in CSS?

⇒ This can be achieved by using the background-image property that will help us to control the selection of the image.

⇒ The background-repeat property in CSS is used to repeat the background image both horizontally and vertically. It also decides whether the background image will be repeated or not.

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

⇒ The background-position CSS property sets the initial position for each background image. The position is relative to the position set by background-origin.

⇒ background-position:

background-position: top;

background-position: left;

background-position: center;

background-position: 25% 75%;



g) which property is used to control the scrolling of an image in the background - attachment.

⇒ How to control block elements using CSS?

⇒ Center block elements using margin property: we need to

specify the margin from left and right such that it looks centered. we do not need to do this manually, we have one property called "auto" which will automatically set the margin such that our block element is placed in the center.

10) How to maintain the CSS specifications?

⇒ The CSS specifications are maintained by the world wide web.

11) what are the ways to integrate CSS in a web page?

⇒ CSS can be added to HTML documents in 3 ways.

1) Internal: By using the style attribute inside HTML element.

2) Internal: By using <style> element in the <head> section.

3) External: By using <link> element to link to an

external CSS file.

12) what is the embedded style sheets?

⇒ Embedded stylesheet: It allows you to define styles for

a particular HTML document as a whole in one place.

This is done by embedding the <style> tag by continuing the CSS properties in the head of the document.





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13) 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 ~~an external style sheet~~ access the style sheet. The link in External style sheet is placed within the head section of the page.

14) what ~~are~~ <sup>is</sup> 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 forms that tell the browser which HTML elements should be selected to have the CSS property values inside the rule applied to them.

15) what are the media types allowed by CSS?

⇒ All media types allowed by CSS.

⇒ Continuous or Paged.

→ visual, audio, speech, or tactile.

→ Grid or bitmap.

→ interactive or static.

16) what is the rule set?

⇒ Each declaration block is the preceded by one or more comma-separated selector. Some elements of the page. A selector group and an associated declaration block together, are called a rule set, or often a style.