

Purnima Agarwal - HTML assignment

1) What is the advantage of grouping several checkboxes together?

Although checkboxes don't affect one another, grouping checkboxes together help to organize them. Checkbox buttons can have their name and do not need to belong to a group. A single web page can have many different groups of checkboxes.

2) What will happen if you overlap sets of tags?

If two sets of HTML tags are overlapped, only the first tag will be recognized. You will find this problem when the text does not display properly on the browser screen.

3) What are applets?

Applets are small programs that can be embedded within web pages to perform some specific functionality, such as computations, animations, and information processing. Applets are written using the Java language.

4) What if there is no text between the tags or if a text was omitted by mistake? Will it affect the display of the HTML file?

If there is no text between the tags, then there is nothing to format. Therefore no formatting will appear. Some tags, especially tags without a closing tag like the `` tag, do not require any text between them.

5) Is it possible to set specific colors for table borders?

You can specify a border color using style sheets, but the colors for a table that does not use style sheets will be the same as the text color.

6) How do you create a link that will connect to another web page when clicked?

To create hyperlinks, or links that connect to another web page, use the href tag. The general format for this is: text

Replace "site" with the actual page URL that is supposed to be linked to when the text is clicked.

7) What other ways can be used to align images and wrap text?

Tables can be used to position text and images. Another useful way to wrap text around an image is to use style sheets.

8) Can a single text link point to two different web pages?

No. The <a> tag can accept only a single href attribute, and it can point to only a single web page.

9) What is the difference between the directory and menu lists and the unordered list?

The key difference is that the directory and menu lists do not include attributes for changing the bullet style.

10) Can you change the color of bullets?

The bullet color is always the same as that of the first character in the list item. If you surround the and the first character with a set of tags with the color attribute set, the bullet

color, and the first character will be a different color from the text.

11) What are the limits of the text field size?

The default size for a text field is around 13 characters. However, if you include the size attribute, you can set the size value to be as low as 1. The maximum size value will be determined by the browser width. If the size attribute is set to 0, the size will be set to the default size of 13 characters.

12) Do <th> tags always need to come at the start of a row or column?

Any <tr> tag can be changed to a <th> tag. This causes the text contained within the <th> tag to be displayed as bold in the browser. Although <th> tags are mainly used for headings, they do not need to be used exclusively for headings.

13) What is the relationship between the border and rule attributes?

Default cell borders, with a thickness of 1 pixel, are automatically added between cells if the border attribute is set to a nonzero value. Likewise, If the border attribute is not included, a default 1-pixel border appears if the rules attribute is added to the <table> tag.

14) What is a marquee?

A marquee allows you to put a scrolling text in a web page. To do this, place whatever text you want to appear scrolling within the <marquee> and </marquee> tags.

15) How do you create text on a webpage that will allow you to send an email when clicked?

To change text into a clickable link to send email, use the mailto command within the href tag. The format is as follows:

`text to be clicked`

**16) Are
 tags the only way to separate sections of text?**

No. The
 tag is only one way to separate lines of text. Other tags, like the <p> tag and <blockquote> tag, also separate sections of text.

17) Are there instances where the text will appear outside of the browser?

By default, the text is wrapped to appear within the browser window. However, if the text is part of a table cell with a defined width, the text could extend beyond the browser window.

18) How are active links different from normal links?

The default color for normal and active links is blue. Some browsers recognize an active link when the mouse cursor is placed over that link; others recognize active links when the link has the focus. Those that don't have a mouse cursor over that link is considered a normal link.

19) Do style sheets limit the number of new style definitions that can be included within the brackets?

Style sheets do not limit the number of style definitions that can be included within the brackets for a given selector. Every

new style definition, however, must be separated from the others by a semicolon symbol.

20) Can I specify fractional weight values such as 670 or 973 for font weight?

Implementation largely depends on the browser, but the standard does not support fractional weight values. Acceptable values must end with two zeroes.

21) What is the hierarchy that is being followed when it comes to style sheets?

If a single selector includes three different style definitions, the definition that is closest to the actual tag takes precedence. Inline style takes priority over embedded style sheets, which takes priority over external style sheets.

22) Can several selectors with class names be grouped together?

You can define several selectors with the same style definition by separating them with commas. This same technique also works for selectors with class names.

23) What happens if you open the external CSS file in a browser?

When you try to open the external CSS file in a browser, the browser cannot open the file, because the file has a different extension. The only way to use an external CSS file is to reference it using <link/> tag within another HTML document.

24) How do you make a picture into a background image of a web page?

To do this, place a tag code after the </head> tag as follows:

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<body background = "image.gif">
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Replace image.gif with the name of your image file. This will take the picture and make it the background image of your web page.

25) What happens if the list-style-type property is used on a non-list element like a paragraph?

If the list-style-type property is used on a non-list element like a paragraph, the property will be ignored and do not affect the paragraph.

26) When is it appropriate to use frames?

Frames can make navigating a site much easier. If the main links to the site are located in a frame that appears at the top or along the edge of the browser, the content for those links can be displayed in the remainder of the browser window.

27) What happens if the number of values in the rows or cols attribute doesn't add up to 100 percent?

The browser sizes the frames relative to the total sum of the values. If the cols attribute is set to 100%, 200% the browser displays two vertical frames with the second being twice as big as the first.

28) Which browsers support HTML5?

The latest versions of Google Chrome, Apple Safari, Mozilla Firefox, and Opera all support most of the HTML5 features.

29) Name two new tags included in the HTML 5

<Video> and <Audio> are new tags which are included in HTML5 version. They are mainly used as a replacement for Flash, Silverlight, and similar technologies to play multimedia items.

30) Do you know which are two semantic tags are included in HTML5 version?

The <article> and <section> tags are two new tags that are included in HTML5. Articles can be composed of multiple sections that can have multiple articles. An article tag represents a full block of content which is a section of a bigger whole.

31) What is <figure> in HTML5?

This tag represents a piece of self-contained flow content. It is mostly used as a single unit as a reference the main flow of the document.

32) What is the use of Canvas element?

The canvas element helps to build charts, graphs, bypass Photoshop to create 2D images and place them directly into HTML5 code.

33) What are the new FORM elements which are available in HTML5?

The new Form elements in HTML5 offers much better functionality than the earlier versions.

The tags given provided to carry out these functions are:

- 1) <datalist> - This tag is use to specify a list of options for input controls.
- 2) <keygen> - This tag represents a key-pair generator field.

3) <output> - It represents the result of any scripting calculation.

34) Tell me two benefits of HTML5 Web Storage

Two main benefits of HTML5 Web Storage:

- It can store up to 10 MB data which is certainly more than what cookies have.
- Web storage data cannot be transferred with the HTTP request. It helps to increase the performance of the application.

35) What are two types of Web Storage in HTML5?

Two storage types of HTML5 are:

Session Storage:

It stores data of current session only. It means that the data stored in session storage clear automatically when the browser is closed.

Local Storage:

Local storage is another type of HTML5 Web Storage. In local storage, data is not deleted automatically when the current browser window is closed.

36) What is the Application Cache in HTML5 and why it is used?

The Application Cache concept means that a web application is cached. It can be accessible without the need for internet connection.