COMMONLY ASKED WEDBESIGNING QUESTIONS

Q1. What are the most common languages used for web designing?

**Ans.** The most common languages used for web designing include:

* **CSS**: CSS stands for Cascading Style Sheets. It is used for styling the webpage in terms of look and layout.
* **HTML**: HTML or Hypertext Markup Language provides the code to structure a web page, its template, and its content.
* **JavaScript**: It is a programming language used to make the web page interactive.
* **PHP**: It is used for server-side scripting and for creating dynamic web pages.

Q2. What is HTML5?

**Ans.** As the name suggests, HTML5 or Hypertext Markup Language 5 is the 5th version of [HTML](https://www.naukri.com/learning/what-is-html-st619-tg25). It enables people to design a website from scratch without requiring any other software or browser plugin. It can be used to develop animations and complex applications that run in the browser for audio players, video players, and online streaming.

Features of HTML5

The following are some new features that are introduced in HTML5

* New Semantic Elements: <header>, <footer>, <section>
* Persistent Local Storage
* Forms 2.0
* WebSocket: a bidirectional communication technology
* Server-Sent Events: events that flow from the webserver to the web browsers
* Embed audio or video without third-party plugins
* Drag and drop feature
* Geolocation

**Also Read:**[**The Difference Between HTML and XML**](https://www.naukri.com/learning/articles/difference-between-html-and-xml/)

Q3. What is an external style sheet?

**Ans.** An external style sheet is a document that has the style information for web pages or HTML files. It is a separate file with a .css filename extension that is linked to an HTML web page. We can declare all the styles that need to be used on a website in an external style sheet.

The following are the advantages of using external style sheets in web design:

* The CSS styling is separate from the HTML document.
* We can use the same CSS file to style multiple HTML pages.
* The changes made to the source CSS file are applied to all the linked HTML files automatically.
* External style sheets bring uniformity to every page they are attached to.

Q4. What is the difference between HTML elements and HTML tags?

**Ans.** An HTML element includes everything from the start tag to the end tag. It includes the start tag, its attributes, an end tag, and everything in between.

**Syntax of HTML element**

|  |
| --- |
| <tagname>Content</tagname> |

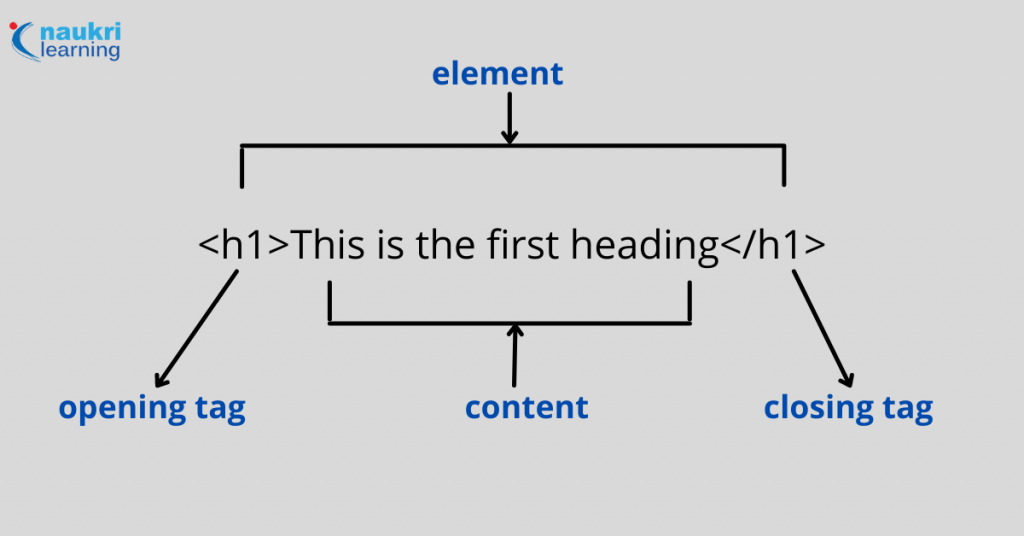
**Example of HTML element**

|  |
| --- |
| <h1>This is the first heading</h1> |

On the other hand, an HTML tag represents the start or end of an HTML element in an HTML document. They have an opening bracket (<), followed by the name of the element, and a closing bracket (>). If there is an attribute in the tag, it will be included after the element.

**Example of HTML tag**

|  |
| --- |
| <p> is paragraph tag used to organize text content into paragraph elements |



Q5. What is Semantic HTML?

**Ans.** Semantic HTML refers to the HTML tags that communicate their meaning to both the developer and the browser. They provide meaning to an HTML page instead of just a presentation. Semantic HTML represents a coding style where the tags define the semantics of text that is to be communicated. Semantic HTML elements clearly define their content and are understandable by humans as well as by machines.

For example elements such as <header> and <footer> are semantic as they define the purpose of the element and the type of content inside them. Some of the latest semantic elements added in HTML5 include:

* <article>
* <details>
* <figcaption>
* <figure>
* <mark>
* <section>
* <summary>
* <time>

Q6. What is the difference between Standard Mode and Quirks Mode?

**Ans.** This is one of the most important web graphic designer interview questions answers. The layout engines in web browsers use three different modes:

* **Quirks Mode:**In quirks mode, the layout imitates nonstandard behaviour in Navigator 4 and IE 5. It was needed for websites developed before the web standards were introduced.
* Full Standard Mode: In this, the behaviour specified is the same as specified by HTML and CSS specifications. It is used by many modern browsers.
* **Almost Standard Mode:**It has a very small number of quirks implementation.

Q7. How to add comments into HTML code without being picked up by the browser?

**Ans.** We can add comments into HTML code without text being picked up by the browser using <– and –>. The HTML comment starts with <!– and ends with –>. HTML comments will be visible to anyone who views the page source code. However, they will not be rendered by the browser.

**For example**

|  |
| --- |
| <!– This is a comment. –> |

Q8. What is the difference between visibility: hidden and display: none?

**Ans.** The visibility: hidden property hides the element, but it takes up space in the layout. The element will be hidden from view but not the page flow. On the other hand, display: none eliminates the element from the document and does not take up any space. Here, the tag is removed from the normal flow of the page which enables other elements to fill it in.

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Q9. What are the different JQuery functions in webpage designing?

**Ans.** The following are some of the popular JQuery functions in webpage designing:

* Animated hover effect
* Chainable transition effect
* Collapsible panels
* Image replacement gallery
* Simple slide panel
* Simple disappearing effect

Q10. What are the benefits of CSS file for web designers?

**Ans.**CSS files help in controlling and monitoring textual styles and text dimensions. It offers several formatting options and has SEO benefits. It has a much faster download time since the code is lightweight

Q11. What is responsive web page design?

**Ans.**Such a page design allows the visitor to visit the website from any device and easily navigate the website. The aim of such a design is to provide the same experience without the need to pinch and zoom.

Q12. Can you write a background colour in HTML?

**Ans.** The following is the code to write a background colour in HTML:

|  |
| --- |
| <body style=”background-color:red”>. |
| **[1) List the platforms or languages that is used for website designing?](https://www.onlineinterviewquestions.com/web-designing-interview-questions/" \l "collapseUnfiled1)**  The principle language utilized for web-designing are:   * JavaScript: Functionality * CSS: Styling * HTML: Base format * PHP: Server-side script  ****[2) Why do you want to be a Web Designer?](https://www.onlineinterviewquestions.com/web-designing-interview-questions/" \l "collapseUnfiled2)**** Ensure that you don’t answer this question in context with money. Don’t consider saying that it was a career that is laid out by the aptitude test. A questioner is intrigued to realize that the business truly inspires you. Do this by sharing the intriguing story that helped you find your enthusiasm for website designing. ****[3) As web designer differentiate HTML tags and elements?](https://www.onlineinterviewquestions.com/web-designing-interview-questions/" \l "collapseUnfiled3)**** With HTML elements you can communicate to a browser on how to render text. At the point when encompassed by the angular brackets <> they are termed as HTML tags. Generally, the modules come in sets and include texts. ****[4) What is use of CSS float in Web Designing?](https://www.onlineinterviewquestions.com/web-designing-interview-questions/" \l "collapseUnfiled4)**** It is usually used when we need to influence a component of our web page to be pushed to one side or left and influence different elements to wrap around it. ****[5) As a website specialist while using “delete” button what color would you like to prefer?](https://www.onlineinterviewquestions.com/web-designing-interview-questions/" \l "collapseUnfiled5)**** Make the “Delete” link/button more eye-catching by using color like Red, mainly when you need to indicate two catch one next to the other. Red is an indication of alert, with the goal that will help the client to draw their consideration.  **Download Free :**[Web Designing Interview Questions PDF](https://www.onlineinterviewquestions.com/pdfs/web-designing-interview-questions.pdf) ****[6) What is a CSS File? What is the purpose of its use](https://www.onlineinterviewquestions.com/web-designing-interview-questions/" \l "collapseUnfiled6)**** CSS, for the most part, remains for “Cascading Style Sheets.” CSS help to control and oversee text dimensions, textual style styles and site shading blends that are utilized as a part of a site page. CSS records roll out worldwide appearance improvements simple a solitary change in CSS document will imply that any pages are using that CSS record will naturally show the progressions. ****[7) What is the distinction between a bulleted list and numbered list?](https://www.onlineinterviewquestions.com/web-designing-interview-questions/" \l "collapseUnfiled7)**** Bulleted records utilize the <ul> tag, which remains for “unordered,” while <ol> is mainly used to make the ordered list. ****[8) What is the significant sign that your site isn’t responsive or having issues?](https://www.onlineinterviewquestions.com/web-designing-interview-questions/" \l "collapseUnfiled8)**** Horizontal bar presence in desktop or mobile screens is the main sign that site is having responsive mistakes and will become the reason of fail check or testing device individually. ****[9) What are the new media components that are incorporated into HTML5? Is canvas used as a part of HTML?](https://www.onlineinterviewquestions.com/web-designing-interview-questions/" \l "collapseUnfiled9)**** The new media components include: <audio>, <video>, <source>, <track>, <canvas>. ****[10) How will you differentiate in these two?  HTML 5 and HTML.](https://www.onlineinterviewquestions.com/web-designing-interview-questions/" \l "collapseUnfiled10)**** Don’t panic after listening to this question as HTML5 is the advanced version of the HTML. It incorporates the couple of new features like as Audio, Video, date select function, Audio/mp3, placeholder, 2D/3D Graphics, Canvas, Local SQL Database that is added with the goal that no external plugin such as Flash player or another library has to be done. ****[11) What is doctype?](https://www.onlineinterviewquestions.com/web-designing-interview-questions/" \l "collapseUnfiled11)**** It is a direction to the program to advise about the adaptation of HTML archive and how the browser should render it. ****[12) What are the confinements when serving XHTML pages?](https://www.onlineinterviewquestions.com/web-designing-interview-questions/" \l "collapseUnfiled12)**** The biggest problem that we are facing currently is the poor browser support. Web Explorer and various other client operators can’t parse XHTML as an XML. It isn’t the extensible language it was guaranteed to be. There are numerous different issues. Take your pick. ****[13) Should device width have any impact on the font-size of the site content?](https://www.onlineinterviewquestions.com/web-designing-interview-questions/" \l "collapseUnfiled13)**** Indeed on desktop screens, as they generally bigger on the other hand cell phones have smaller screen sizes. The designer needs to consider the way that clients are considerably nearer to the mobile screens instead of laptop or desktop screen separately. So it is prescribed to use smaller text dimensions for the mobile screen gadgets. ****[14) Is WebSQL part of HTML 5 detail?](https://www.onlineinterviewquestions.com/web-designing-interview-questions/" \l "collapseUnfiled14)**** No, numerous individuals label it as HTML 5, yet it’s not some portion of HTML 5 specification. It is based around SQLite. ****[15) How would you scale route in Mobile Screens?](https://www.onlineinterviewquestions.com/web-designing-interview-questions/" \l "collapseUnfiled15)**** In Mobile Screens numerous alternatives are used possibly you can hide the desktop menu and utilize selectable navigation, or the well-known application sidebar type menu that is clearing a path into new sites as well. ****[16) Clarify what Information Architecture is?](https://www.onlineinterviewquestions.com/web-designing-interview-questions/" \l "collapseUnfiled16)**** It is frequently referred to the structure and route of a whole site. ****[17) For what purpose NaN functioning used?](https://www.onlineinterviewquestions.com/web-designing-interview-questions/" \l "collapseUnfiled17)**** Return true if the contention isn’t a number. ****[18) What’s the contrast between quirks mode and standard mode?](https://www.onlineinterviewquestions.com/web-designing-interview-questions/" \l "collapseUnfiled18)**** Quirk Mode is a default similarity mode and might be not quite the same as the browser to browser, which may result in the absence of consistency in appearance from browser to browser. ****[19) What do you mean by the prompt box?](https://www.onlineinterviewquestions.com/web-designing-interview-questions/" \l "collapseUnfiled19)**** It enables the client to enter contribution by giving a content box. ****[20) Is CSS case sensitive?](https://www.onlineinterviewquestions.com/web-designing-interview-questions/" \l "collapseUnfiled20)**** No, it is not case sensitive. ****1. What is the difference between SOAP and REST?****  |  |  | | --- | --- | | **SOAP** | **REST** | | A Web Development protocol | An architectural platform | | Works with XML | Works with XML, HTML, and plain text | | SOAP cannot use REST | REST can make use of SOAP |  ****2. What is the use of a namespace in Web Development?**** A namespace is a simple global object that is used to hold methods, properties, and other objects in them. It adds ease of use via modularity, thereby, providing users with the ability to reuse the code and avoid naming conflicts.  **3. What are the newly introduced input types in HTML5?**  **HTML5** has had multiple revamps in the past years, and the addition of input types has made it very easy to work with. Some of these input types are as follows:   * color * date * Datetime-local * email * month * number range   **4. What are the five elements that support media content in HTML5?**  There are five main elements in HTML5 that support media:   * <audio> * <video> * <source> * <embed> * <track>   **5. What is SVG and why is it used?**  SVG stands for Scalable Vector Graphics. It is used to display vector-based graphics over the web. The graphical content it can render is based on an XML format. With SVG, the graphical content is of superior quality thereby providing the user with the ability to furnish high-quality images.  **6. What is the use of Canvas in HTML?**  Canvas was added onto HTML5 to give users the ability to draw graphics on the go, using JavaScript. There are a variety of methods in <canvas> to allow for the drawing of paths, circles, boxes, images, and more.  Next up on this top Web Developer interview questions and answers, let us understand the difference between canvas and SVG. ****7. What is the difference between Canvas and SVG?****  |  |  | | --- | --- | | **Canvas** | **SVG** | | Resolution dependant | Resolution independent | | Does not support event handlers | Supports event handlers | | Works well for small-scale rendering applications | Performs better for large-scale rendering applications |   **8. How can page loading time be reduced?**  There are many factors that affect the page loading time of a website. However, some methods can be implemented to reduce it drastically. They are given below:   * Reduction in the image size * Removal of unnecessary widgets * HTTP compression * Reduction in lookups * Minimal redirection and caching   **9. What is the use of CORS?**  CORS stands for Cross-origin Resource Sharing. It is a mechanism that allows a variety of resources to be requested at a time from a domain that is outside the current request domain.  The next web application interview question comprises an important difference. Check it out below.  **10. What is the difference between localStorage and sessionStorage objects?**   |  |  | | --- | --- | | **localStorage** | **sessionStorage** | | No expiry is there for stored data | The object is valid for only a single session | | Data is not deleted upon the closure of the window | The object is immediately deleted upon closing the window |   **11. What are some of the new features that are introduced in CSS3?**  CSS3 has brought about a lot of changes, making the overall framework more user-friendly and powerful. Some of the features that were added and are very popularly used now are:   * Rounded corners * Animation * Custom layout * Media queries   **12. What is Responsive Web Design (RWD) in HTML and CSS?**  Responsive Web Design is a concept that is used to create web pages that can scale across multiple resolutions without any loss of information or screen tearing.  It automatically adjusts the structure of the web page based on the device it is viewed on to provide optimal viewing experience.  **13. What are some of the types of CSS that are used?**  There are three main types of CSS present:   * **Inline CSS:** Supports the addition of CSS inline, alongside HTML elements * **External CSS:** Used to import an external CSS file to the HTML document * **Embedded CSS:** Used to add CSS styles by making use of the <style> attribute   **14. What is the use of a selector in CSS?**  A CSS selector is used with a rule in the inline elements, which require styling. With the help of selectors, it is easy to find and select HTML elements based on factors, such as name, ID, attribute, etc.  **15. Can you give an example of using an ID selector in CSS?**  The ID selector is used in CSS to point to a target element for usage. It is denoted in the following example:  #example {padding: 20px;}  <p id="SelectorExample">  ...  </p>  **16. What is the use of grouping in CSS3?**  Grouping is used in CSS3 to give users the ability to reuse and apply the same CSS style element to multiple HTML entities, using just one single declaration statement.  A simple example of grouping is as shown below:  #grouped g, ul { padding-top: 20px; margin: 1; }  **17. What is the use of a class selector in CSS?**  Class selectors in CSS begin with a “.” (period) key and are followed by the name of the class. It is used to select a statement and modify the style of that element in the corresponding part of the HTML tag.  Consider the following example:  .exampleclass {font-family: TimesNewRomanl; font-size: 20; background: red;}  <div class="sampleclass">  ...  </div>  Next up on these web technologies interview questions, let us understand a little about the use of Webkit.  **18. What is the use of Webkit in CSS3?**  Webkit is an important software component in CSS that allows for the easy rendering of HTML and CSS elements in a variety of browsers, such as Chrome, Firefox, and Safari.  There are many engines for browsers such as:   * Gecko for Mozilla * Presto for Opera * Edge for Internet Explorer   **19. What are the uses of child selectors in CSS?**  Child selectors are primarily used in CSS to look up the ‘child’ component of an element in CSS.  Consider an example where the <ul> tag is used in a paragraph. Then, the ‘ul’ tag becomes a child of the paragraph element. To implement this in CSS, the following syntax is used:  p > ul { font-size:20px; }  <https://www.javatpoint.com/html-interview-questions>  <https://www.javatpoint.com/css-interview-questions>  <https://www.javatpoint.com/css-interview-questions>  <https://www.edureka.co/blog/interview-questions/top-50-html-interview-questions-and-answers/>  <https://www.edureka.co/blog/interview-questions/javascript-interview-questions/>  <https://www.edureka.co/blog/interview-questions/css-interview-questions/>  <http://programmer2programmer.net/tips/interview_question/web_general.aspx> |