



1. What is a CSS File? It is used for what purpose

CSS mainly stands for “Cascading Style Sheets”. CSS help to control and manage font sizes, font styles and website colour combinations that are used in a web page. CSS files make global appearance changes easy a single change in CSS file will mean that any pages using that CSS file will automatically display the changes.

2. Is CSS case sensitive?

CSS is not case sensitive.

3. What is external Style Sheet and How to link it?

External Style Sheet is a template/document/file containing style information which can be linked with any number of HTML documents. The file is linked with HTML documents via the LINK element inside the HEAD element. Files containing style information must have extension .css, e.g. style.css.

4. How do I make it so that someone can mail me by just clicking on text with subject?

It's very easy we can do it by using mailto command in AHREF link tag example give below:

```
< A HREF="mailto:kapil@speakingtechnically.com?Subject=Enquiry">Click here to mail  
Speaking Technically< / A> .
```

5. How do I align pictures so that one may be higher or lower than the other?

By using align statement in your IMG SRG tag:

```
< IMG SRC="http://www.speakingtechnically.com/chguy.gif" align=top > Also, instead of  
align=top you can do align=middle, and align=bottom.
```

6. What are the five possible values for “position”?

static, relative, absolute, fixed, inherit.

7. What are JavaScript types?

Number, String, Boolean, Function, Object, Null, Undefined.

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#1569, Opp Navami Hotel, East End Main Road,
Jayanagar 9th Block, Bangalore,560069.

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Email: enquiry@tutortek.com



8. What is negative infinity?

It's a number in JavaScript, derived by dividing negative number by zero.

9. What does isNaN function do?

Return true if the argument is not a number.

10. What does "1"+2+4 evaluate to?

Since 1 is a string, everything is a string, so the result is 124.

11. How do you convert numbers between different bases in JavaScript?

Use the parseInt() function, that takes a string as the first parameter, and the base as a second parameter. So to convert hexadecimal 3F to decimal, use parseInt ("3F", 16);

12. What is a prompt box?

A prompt box allows the user to enter input by providing a text box.

13. What is the difference between an alert box and a confirmation box?

An alert box displays only one button which is the OK button whereas the Confirm box displays two buttons namely OK and cancel.

14. How Can you organize layers as in Photoshop?

For example you create a Ball in 1st layer and then in second layer you create the background. But you should lock all the layers and unlock the layer which u r working, because unlocked layers will be active always(active means, if u want to drag the ball, background layers also will be affected)

15. What is work Area in Photoshop?

The work area in Photoshop has the following basic functionality and features: ? Menu Bar ? this is where you can access most of the commands and features in Photoshop ? Drawing Palette ? where the image being worked on will appear ? Options bar ? content sensitive display of tool options ? Changes as different tools are selected ? display using Window > Options or Click a

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tool in the toolbox. Lasso options bar ? Tool box – for creating an editing images (display or hide using Windows > Tools)? Palettes – to monitor and modify images (there are 5 palettes by default) ? Palette Well – to organize palettes in work area ? Drag a palette? tab into the palette well to store it in the palette well ? Once in the palette well click on the palette tab to use it.

16.What is the difference between HTML and HTML5 ?

Don't be confuse HTML5 is the latest version of HTML which includes few new features like as Video, Audio/mp3, date select function , placeholder , Canvas, 2D/3D Graphics, Local SQL Database added so that no need to do external plugin like Flash player or other library.

17.What is the <!DOCTYPE> ? Is it necessary to use in HTML5?

The <!DOCTYPE> is an instruction to the web browser about what version of HTML the page is written in. AND The <!DOCTYPE> tag does not have an end tag and It is not case sensitive.

18.What are the New Media Elements in HTML5? is canvas element used in HTML5

Tag	Description
<audio>	For multimedia content, sounds, music or other audio streams
<video>	For video content, such as a movie clip or other video streams
<source>	For media resources for media elements, defined inside video or audio elements
<embed>	For embedded content, such as a plug-in
<track>	For text tracks used in media players
<canvas>	Yes we can use Canvas element in html5 like below

19.How to add video and audio in HTML5?

Like below we can add video in html5:

```
<video width="320" height="240" controls="controls">
```

```
<source src="pcds.mp4" type="video/mp4" />
```

```
<source src="pcds.ogg" type="video/ogg" />
```

```
</video >
```

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And audio like this:

```
< audio controls="controls">  
  
< source src="song.ogg" type="audio/ogg" />  
  
< source src="song.mp3" type="audio/mpeg" />  
  
</ audio>
```

20. What the use of Canvas Element in HTML5?

The canvas element is used to draw graphics images on a web page by using javascript like below:

```
<canvas id="pcdsCanvas" width="500" height="400"></canvas> <script  
type="text/javascript">  
  
var pcdsCanvas=document.getElementById("pcdsCanvas");  
  
var pcdsText=pcdsCanvas.getContext("2d");  
  
pcdsText.fillStyle="#82345c";  
  
pcdsText.fillRect(0,0,150,75);"</script>
```

21. What is the session Storage Object in html5? How to create and acces ?

The session Storage object stores the data for one session. The data is deleted when the user closes the browser window. like below we can create and access a sessionStorage here we created "name" as session.

```
<script type="text/javascript">  
  
sessionStorage.name="PCDS";  
  
document.write(sessionStorage.name);  
  
</script>
```



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

HTML elements communicate to the browser how to render text. When surrounded by angular brackets <> they form HTML tags. For the most part, tags come in pairs and surround text.

23.What is “Semantic HTML?”

Semantic HTML is a coding style where the tags embody what the text is meant to convey. In Semantic HTML, tags like:

 for bold, and for italic should not be used, reason being they just represent formatting, and provide no indication of meaning or structure. The semantically correct thing to do is use and . These tags will have the same bold and italic effects, while demonstrating meaning and structure (emphasis in this case).

24.What does DOCTYPE mean?

The term DOCTYPE tells the browser which type of HTML is used on a webpage. In turn, the browsers use DOCTYPE to determine how to render a page. Failing to use DOCTYPE or using a wrong DOCTYPE may load your page in Quirks Mode. See example:

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"  
"http://www.w3.org/TR/html4/loose.dtd">
```

25.What are the limitations when serving XHTML pages?

Perhaps the biggest issue is the poor browser support XHTML currently enjoys. Internet Explorer and a number of other user agents cannot parse XHTML as XML. Thus, it is not the extensible language it was promised to be. There are many other issues. Take your pick.

26.What’s the difference between standards mode and quirks mode?

Quirks Mode is a default compatibility mode and may be different from browser to browser, which may result to a lack of consistency in appearance from browser to browser.



27. How many HTML tags should be used for the most simple of web pages?

8 total. 4 pairs of tags.

```
<HTML>
```

```
<HEAD>
```

```
<TITLE>Simplest page ever!</TITLE>
```

```
</BODY>
```

```
</HTML>
```

28. What is the difference between linking to an image, a website, and an email address?

To link an image, use `` tags. You need specify the image in quotes using the source attribute, `src` in the opening tag. For hyperlinking, the anchor tag, `<a>`, is used and the link is specified in the `href` attribute. Text to be hyperlinked should be placed between the anchor tags. Little known fact: `href` stands for “hypertext reference.” When linking to an email, the `href` specification will be “mailto:send@here.com.” See examples below:

```
</img>
```

```
<a href="www.skilledup.com">Skilledup</a>
```

```
<a href="brad@skilledup.com">Email Me</a>
```

29. My hyperlink or image is not displaying correctly, what is wrong with it?

It could be any number of things, but the most common mistakes are leaving out a tag bracket or quote missing for `href`, `src`, or `alt` text may be the issue. You should also verify the link itself.

What is the syntax difference between a bulleted list and numbered list?

Bulleted lists use the `` tag, which stands for “unordered,” whereas `` is used to create an ordered list.

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