

# Top HTML5 interview questions and answers

**Questions :** What is the difference between HTML and HTML5 ?  
**1**

**Answers :** HTML5 is nothing more than upgraded version of HTML where in HTML5 Lot of new features like 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  
**1**

**Questions :** What is the <!DOCTYPE> ? Is it necessary to use in HTML5 ?  
**: 2**

**Answers :** 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.  
**2**

The <!DOCTYPE> declaration must be the very first thing in HTML5 document, before the <html> tag. As In HTML 4.01, all <!DOCTYPE> declarations require a reference to a Document Type Definition (DTD), because HTML 4.01 was based on Standard Generalized Markup Language (SGML). WHERE AS HTML5 is not based on SGML, and therefore does not require a reference to a Document Type Definition (DTD).

**Questions :** How many New Markup Elements you know in HTML5  
**: 3**

**Answer :** Below are the New Markup Elements added in HTML5  
**3**

Tag	Description
<article>	Specifies independent, self-contained content, could be a news-article, blog post, forum post, or other articles which can be distributed independently from the rest of the site.
<aside>	For content aside from the content it is placed in. The aside content should be related to the surrounding content
<bdi>	For text that should not be bound to the text-direction of its parent elements
<command>	A button, or a radiobutton, or a checkbox
<details>	For describing details about a document, or parts of a document
<summary>	A caption, or summary, inside the details element
<figure>	For grouping a section of stand-alone content, could be a video
<figcaption>	The caption of the figure section
<footer>	For a footer of a document or section, could include the name of the author, the date of the document, contact information, or copyright information
<header>	For an introduction of a document or section, could include navigation
<hgroup>	For a section of headings, using <h1> to <h6>, where the largest is the main heading of the section, and the others are sub-headings
<mark>	For text that should be highlighted
<meter>	For a measurement, used only if the maximum and minimum values are known
<nav>	For a section of navigation
<progress>	The state of a work in progress
<ruby>	For ruby annotation (Chinese notes or characters)
<rt>	For explanation of the ruby annotation
<rp>	What to show browsers that do not support the ruby element
	For a section in a document. Such as chapters, headers, footers, or

<section>	any other sections of the document
<time>	For defining a time or a date, or both
<wbr>	Word break. For defining a line-break opportunity.

#### Questions : 4 What are the New Media Elements in HTML5? is canvas element used in HTML5

Answer : Below are the New Media Elements have added in HTML5

4

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 mediaplayers

yes we can use Canvas element in html5 like below  
<canvas>

#### Questions : 5 Do you know New Input Type Attribute in HTML5

Answers : Yes we can use below new input type Attribute in HTML5

5

Type	Value
tel	The input is of type telephone number
search	The input field is a search field
url	a URL
email	One or more email addresses
datetime	A date and/or time
date	A date
month	A month
week	A week
time	The input value is of type time
datetime-local	A local date/time
number	A number
range	A number in a given range
color	A hexadecimal color, like #82345c
placeholder	Specifies a short hint that describes the expected value of an input field

#### Questions : 6 How to add video and audio in HTML5

Answers : Like below we can add video in html5

6

```
<video width="320" height="240" controls="controls">
  <source src="pcds.mp4" type="video/mp4" />
  <source src="pcds.ogg" type="video/ogg" />
</video>
```

And audie like this  
<audio controls="controls">

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

**Questions : 7**    **What the use of Canvas Element in HTML5**

**Answers : 7**    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>
```

**Questions : 8**    **What is the use of localStorage in HTML5 ?**

**Answers : 8**    Before HTML5 LocalStores was done with cookies. Cookies are not very good for large amounts of data, because they are passed on by every request to the server, so it was very slow and in-effective.

In HTML5, the data is NOT passed on by every server request, but used ONLY when asked for. It is possible to store large amounts of data without affecting the website's performance.and The data is stored in different areas for different websites, and a website can only access data stored by itself.

And for creating localstores just need to call localStorage object like below we are storing name and address

```
<script type="text/javascript">
localStorage.name="PCDS";
document.write(localStorage.name);
</script>
<script type="text/javascript">
localStorage.address="Mumbai India..";
document.write(localStorage.address);
</script>
```

**Questions : 9**    **What is the sessionStorage Object in html5 ? How to create and access ?**

**Answers : 9**    The sessionStorage 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>
```