

1. What are the new tags added in HTML5?

The analysis of class names and id names helped defining what were the most common semantic patterns. These new elements are not yet completely imported in all browsers at this time.

Example:-

1. AUDIO.
2. CANVAS.
3. DATALIST.
4. EMBED
5. FOOTER.
6. HEADER.
7. VIDEO.

2. How to embed audio and video in a webpage?

Create a new HTML file in the same directory, called index. html . Add <audio> and <video> elements to the page; make them display the default browser controls. Give both of them <source> elements so that browsers will find the audio format they support best and load it. Give the <video> element a poster that will be displayed before the video starts to be played. Have fun creating your own poster graphic.

3. Semantic element in HTML5?

Examples of semantic elements: <form>, <table>, and <article> - Clearly defines its content.

Many web sites contain HTML code like: <div id="nav"> <div class="header"> <div id="footer"> to indicate navigation, header, and footer.

4. Canvas and SVG tags.

SVG	CANVAS
Vector based (composed of shapes)	Raster based (composed of pixel)
SVG has better scalability. So it can be printed with high quality at any resolution.	Canvas has poor scalability. Hence it is not suitable for printing on higher resolution.
SVG gives better performance with smaller number of objects or larger surface.	Canvas gives better performance with smaller surface or larger number of objects.
SVG can be modified through script and CSS.	Canvas can be modified through script only.
Multiple graphical elements, which become the part of the page's DOM tree.	Single element similar to in behavior. Canvas diagram can be saved to PNG or JPG format.