

# HTML5 ASSIGNMENT

## 1. What are the new tags added in HTML5?

Ans :

Tag	Description
<dialog>	It represents a dialog box or other interactive components.
<figcaption>	It defines caption for the <figure> element.
<figure>	It defines a self-contained content, and referenced as a single unit.
<footer>	It represents the footer section of the webpage.

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

Ans : 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.

## 3. Semantic element in HTML5?

- Ans : <article>
- <aside>
- <details>
- <figcaption>
- <figure>
- <footer>
- <header>
- <main>
- <mark>
- <nav>
- <section>
- <summary>
- <time>

## 4. Canvas and SVG tags

Ans :

SVG	Canvas
Vector based (composed of shapes)	Raster based (composed of pixel)

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SVG	Canvas
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 <img> in behavior. Canvas diagram can be saved to PNG or JPG format.