

FRONT-END DEVELOPMENT

ASSIGNMENT

Part-1: Web Designing

MODULE:-3(HTML 5)

1). What are the new tags add in HTML 5?

-> There are some tags of HTML 5

- <header>
- <section>
- <aside>
- <article>
- <footer>
- <image mapping>
- <picture>
- <audio>
- <video>
- <svg>
- <canvas>
- <data>
- <details>
- <datalist>
- <embed>
- <figcaption>
- <figure>
- <hrgroup>
- <keygen>
- <main>

- <nav>
- <output>
- <picture>
- <progress>
- <rp>
- <rt>
- <ruby>
- <source>
- <summary>
- <template>
- <time>
- <track>
- <wbr>

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

-> To embed audio in webpage use audio tag from html 5.

EX. <audio control>

```
<source src="filename.mp3" type="audio/mp3">
```

```
</audio>
```

->To Embed video in webpage use video tag from HTML 5.

EX. <video control>

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

```
</video>
```

3). Semantic element in HTML 5?

-> A semantic element clearly describes its meaning to both the browser and the developer.

EX.

- <form> - its show a Form in webpage.
- <table> - its show a Table in webpage.

- `<article>` - its show an Article in webpage.

4). Canvas and SVG tags.

-> Canvas:

The canvas element is part of HTML5 and allows for dynamic, scriptable rendering of 2D shapes and bitmap image.

It is low level, procedural module that updates a bitmap. HTML CANVAS also helps in making 2D games.

-> SVG:

SVG is Scalable Vector Graphics. It is use to define graphics for the website. Easily design logo for website using SGV.