

Assignment-2 (html-5)

1. What are the new tags added in HTML5?

- * <header>,<nav>,<section>,<aside>,<article>,<footer>,<video>,<audio>,<svg>,<canvas>,<embed>.

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

- * There are 3 ways to embed audio and video

1. use audio or video tag

EX- <audio> <source src="song.mp3" type="audio/mpeg"></audio>

<video ><source src="movie.mp4" type="video/mp4"> </video>

2. embed tag

<embed type="video" src="video.mp4" width="400" height="300">

3. ifarme

<iframe width="560" height="315"
src="https://www.youtube.com/embed/-8c8fa4uFbg" title="YouTube video player"
frameborder="0" allow="accelerometer; autoplay; clipboard-write; encrypted-media;
gyroscope; picture-in-picture; web-share" allowfullscreen></iframe>

3.Semantic element in HTML5?

- * A semantic element describes its meaning to the browser and developer.

ex- <section>,<article>,<header>

4. Canvas and SVG tags.

* 1. canvas work on pixel base. canvas tag use to draw graphic via javascript.

2. SVG stands for Scalable Vector Graphics.

SVG is used to define graphics for the Web.

ex-

```
<svg xmlns="http://www.w3.org/2000/svg" viewBox="0 0 1440 320"><path fill="#0099ff"
fill-opacity="1"
d="M0,288L48,272C96,256,192,224,288,197.3C384,171,480,149,576,165.3C672,181,768,235,8
64,250.7C960,267,1056,245,1152,250.7C1248,256,1344,288,1392,304L1440,320L1440,320L13
92,320C1344,320,1248,320,1152,320C1056,320,960,320,864,320C768,320,672,320,576,320C4
80,320,384,320,288,320C192,320,96,320,48,320L0,320Z"></path></svg>
```