**Class 10**

**Video, Audio and media in HTML**

This is 10th video of Sigma Web Development Course

**Insert Video**

We can add video to our html webpage and also control them

<Video src=”path” height=”300 ” controls> </video>

We can also set its width and height.

We can play picture in picture mode. Download it , can change it speed,

We can set src of external and internal path

Attributes

* SRC : need to set the path
* Controls : add controls like pause play and volume(According to browser)
* Autoplay : autmaticaly play the video when the page load
* Loop : repeat the video when it end.
* Muted : mute the video by default
* Poster : specifies an image to be displayed before the video start playing(thumnail)

Poster=”src”

* Width and height : specifies the dimensions of the video,

**Insert Audio**

We can insert autio to our

<audio src=”path” controls>

Attributes

* SRC : need to set the path
* Controls : add controls like pause play and volume(According to browser)
* Autoplay : autmaticaly play the video when the page load
* Loop : repeat the video when it end.
* Muted : mute the video by default
* Preload :

What is preload

It have some values.

None : it is default value , it means that browser should not preload audio file at all. the file start downloading when user initiate playback

Metadata: this value tell the browser to preload only meta data of the audio file. Such as duration and basic information.

Auto : this instruct the browser to load entire audio file as much as possible without delaying the loading of other important page content.

**SVG (Scalable vector graph)**

In svg we can create high graphic vector images.it is same as img

These are inline elements so that we can write it in a same line.

<svg Height width >

<Circle / >

</svg>

SVG can be embedded in HTML in several ways:

1. Inline SVG: Directly writing the SVG XML code within HTML.
2. Using an <img> tag: Point the src attribute to an SVG file.
3. Using CSS: Setting SVG as a background image in a CSS file.

If we just add to img tag then we have to add an extra line to our code to make it appear.

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**iFrames in HTML**

iframe is use to embed another website to our website.

<iframe src="URL" width="width" height="height"></iframe>

We can insert a youtube video in our website.

Quiz.

Create a website which shows videos of different categories And audio of different categories.

We can use youtube videos in iframe youtube embedded feature.