Date: 13-05-2020

Morning Session: 9 am – 11 am

By ~ Sundeep Charan Ramkumar

All source Codes Repo

https://github.com/sundeep-charan/Ramanujan-code-files

<mark>Today Topics:</mark>

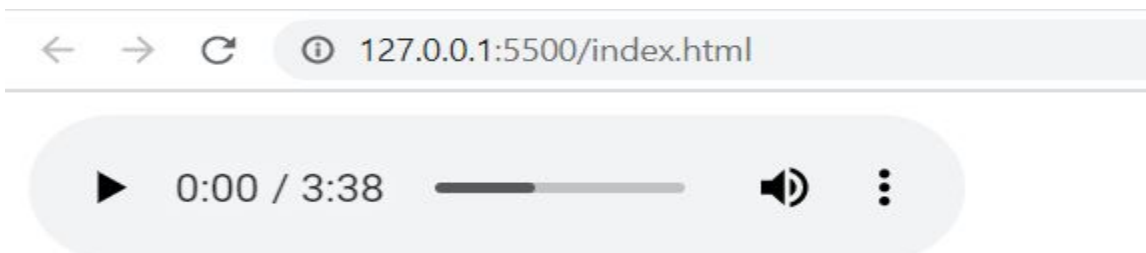**1)** Media Tags (Audio and Video)

2) Semantic and Accessibility

- **<audio> Tag:** The HTML <audio> tag is used to embed sound content in document.

```
<audio
    controls
    src="audio.mp3">
  Your browser does not support the
  <code> audio</code> element.
</audio>
```

Output:

```
←  →  C  ⓘ  127.0.0.1:5500/index.html
```

▶   0:00 / 3:38 ▬▬▬▬▬▬▬▬▬▬▬ 🔊 ⋮

Other Auto Attributes:

autoplay: The Audio Will Play Automatically begin playback as soon as it can do.

Without waiting for the entire audio file to finish downloading.

loop: if music ends it will replay it again and again. I will work

```
<audio
    controls autoplay loop
    src="audio.mp3">
  Your browser does not support the
  <code> audio</code> element.
</audio>
```

Resource:

https://developer.mozilla.org/en-US/docs/Web/HTML/Element/audio

- **<video> Tag:** The HTML **<video>** is used to embed a media player which supports video playback into the document.

```
<video controls width="250">
    <source
     src="small.mp4"
     type="video/mp4">
    Sorry, your browser doesn't support embedded videos.
</video>
```

Output:

Other Video Attributes:

autoplay : The video automatically begins to play back as soon as it can do so without stopping to finish loading the data.

autoPictureInPicture: the element should automatically toggle picture-in-picture mode when the user switches back and forth between this document and another document or application.

muted : the audio will be initially silenced.

Resource :

https://developer.mozilla.org/en-US/docs/Web/HTML/Element/video

Semantics :

Resource :

https://www.freecodecamp.org/news/semantic-html5-elements/

Accessibility :

https://www.lullabot.com/articles/what-heck-aria-beginners-guide-aria-accessibility

Coding Challenge Week 2 Day 3

Deadline: 14-05-2020 on or before 12PM

As we had learnt a lot about video, audio, semantics concepts. I want you to create a small website which consists of 4 regions

1) Header (containing four options, Home, About, services, contact)
2) 4 sections. (Home section should contain a video, about section should contain some text along with audios, services should contain a set a lists, contact should contain a small form)
3) Footer with a Copyright message.

I thought this would be like an exercise to cover up all the concepts we had learned till now.

Session - End

Thank You