

Full stack Development Lab

Week 1:

Aim: Write a Program on HTML5 Video and Audio

Description:

HTML 5 supports <video> tag also. The HTML video tag is used for streaming video files such as a movie clip, song clip on the web page.

Currently, there are three video formats supported for HTML video tag:

1. mp4
2. webM
3. ogg

Attributes of HTML Video Tag

Let's see the list of HTML 5 video tag attributes.

Attribute	Description
controls	It defines the video controls which is displayed with play/pause buttons.
height	It is used to set the height of the video player.
width	It is used to set the width of the video player.
poster	It specifies the image which is displayed on the screen when the video is not played.
autoplay	It specifies that the video will start playing as soon as it is ready.
loop	It specifies that the video file will start over again, every time when it is completed.
muted	It is used to mute the video output.
preload	It specifies the author view to upload video file when the page loads.
src	It specifies the source URL of the video file.

HTML audio tag is used to define sounds such as music and other audio clips. Currently there are three supported file format for HTML 5 audio tag.

1. mp3

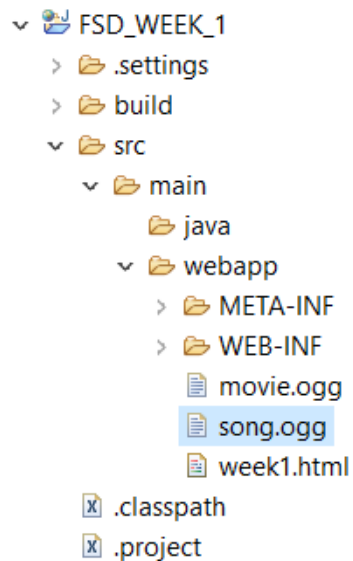
2. wav
3. ogg

Attributes of HTML Audio Tag

There is given a list of HTML audio tag.

Attribute	Description
controls	It defines the audio controls which is displayed with play/pause buttons.
autoplay	It specifies that the audio will start playing as soon as it is ready.
loop	It specifies that the audio file will start over again, every time when it is completed.
muted	It is used to mute the audio output.
preload	It specifies the author view to upload audio file when the page loads.
src	It specifies the source URL of the audio file.

Program structure

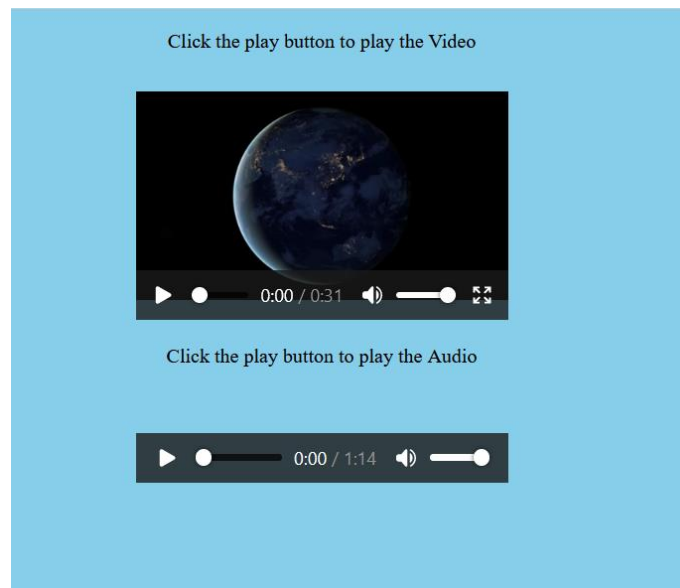


Program:

```
<!DOCTYPE HTML>
<html>
  <body bgcolor="skyblue">
    <center>
      <P> Click the play button to play the Video</P>
      <video width = "300" height = "200" controls autoplay>
        <source src="movie.ogg" type="video/ogg">
      </video>

      <P> Click the play button to play the Audio</P><br><br>
      <audio controls>
        <source src="song.ogg" type="audio/ogg">
      </audio>
    </body>
  </center>
</html>
```

Out Put:



Result: Thus, in the above program successfully executed without errors using html5 with video and audio tags in eclipse editor.