

Module – 3 (HTML 5)

1. What are the new tags added in HTML5?

HTML 5 New Tags:

Structural or Semantic Tags:

<article>

<aside>

<data>

<details>

<footer>

<header>

<meter>

<nav>

<time>

HTML5 Form Tags:

<datalist>

<output>

Graphics Tags:

<svg>

<canvas>

HTML5 Media Tags:

<video>

<track>

<audio>

<source>

HTML5 New <input> types:

Color

Date

Datetime

Email

Month

Range

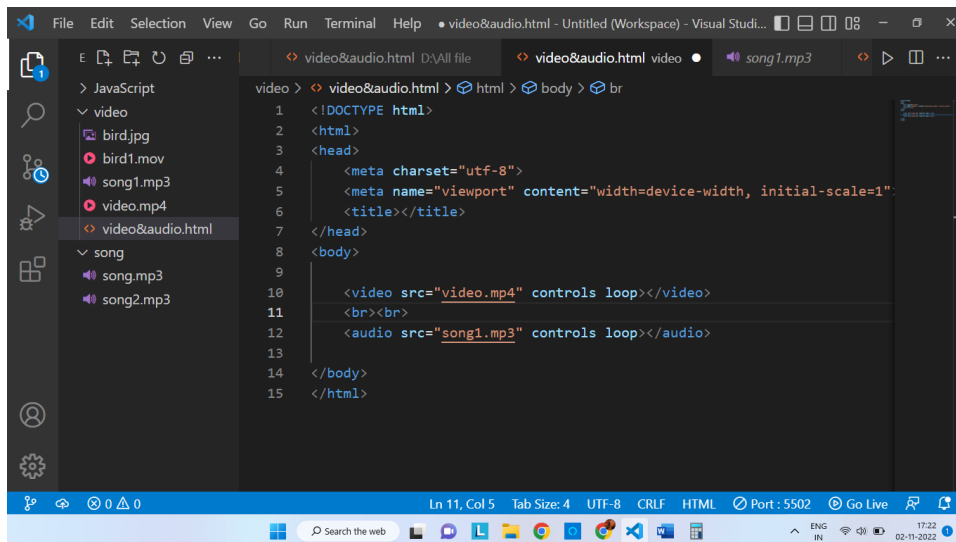
Search

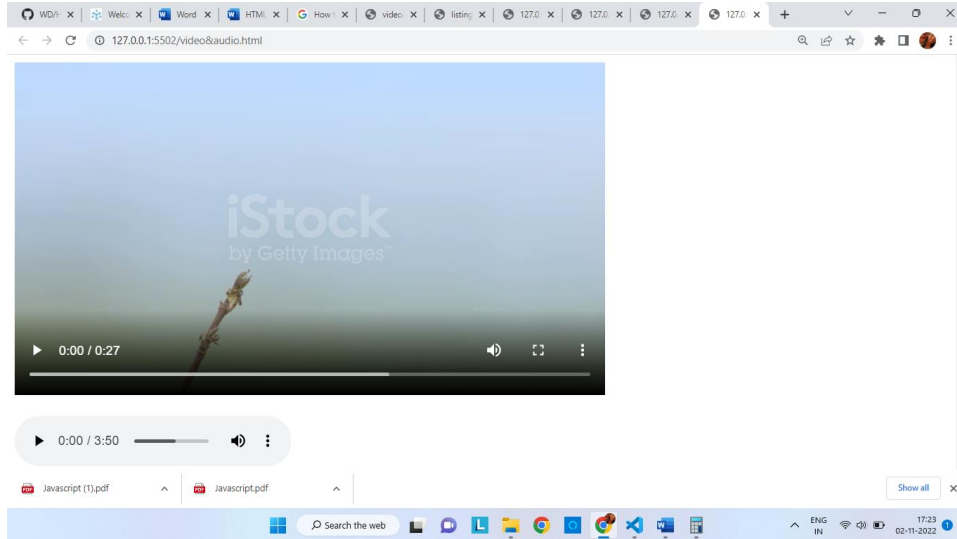
Time

URL

Week

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

A screenshot of the Visual Studio Code editor interface. The file explorer on the left shows a project structure with folders for 'video' and 'song', and files like 'bird.jpg', 'bird1.mov', 'song1.mp3', 'video.mp4', 'video&audio.html', 'song.mp3', and 'song2.mp3'. The main editor window displays the content of 'video&audio.html', which is an HTML document. The code includes a DOCTYPE declaration, HTML and head tags, a meta charset, a viewport meta tag, and a title. The body contains a video element with src='video.mp4' and an audio element with src='song1.mp3', both with 'controls' and 'loop' attributes. The status bar at the bottom shows 'Ln 11, Col 5', 'Tab Size: 4', 'UTF-8', 'CRLF', 'HTML', 'Port: 5502', 'Go Live', and the system clock '17:22 02-11-2022'.



3. Semantic element in HTML5?

Semantic Tags:

<header>

<section>

<nav>

<article>

<aside>

<footer>

4. Canvas and SVG tags

File Edit Selection View Go Run Terminal Help • svg.html - Untitled (Workspace) - Visual Studio Code

video > svg.html > html > body > canvas#myCanvas

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <meta charset="utf-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1">
6   <title>Svg</title>
7 </head>
8 <body>
9   <svg width="100" height="100">
10     <circle cx="50" cy="50" r="40" stroke="green" stroke-width="4" fill="yellow" />
11   </svg>
12   <canvas id="myCanvas" width="200" height="100" style="border:1px solid #d3d3d3;" />
13 </body>
14 </html>
```

Ln 14, Col 86 Tab Size: 4 UTF-8 CRLF HTML Port: 5502 Go Live

