

HTML Comprehensive Notes

Level 5: HTML5 Elements

New Semantic Elements

HTML5 introduced semantic elements like <header>, <footer>, <article>, and <section> to better structure the content.

The <canvas> Element

For dynamic, scriptable rendering of 2D shapes and bitmap images:

html

Copy code

```
<canvas id="myCanvas" width="200" height="100"></canvas>
```

<audio> and <video>

HTML5 supports native multimedia embedding:

html

Copy code

```
<audio controls>
```

```
  <source src="audio.mp3" type="audio/mpeg">
```

```
</audio>
```

```
<video width="320" height="240" controls>
```

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

```
</video>
```