

<audio> Tag in HTML

- <audio> tag defines a music or other sound streams.
- <audio> tag has supported file formats like mp3, wav, etc.
- It supports **Global and event attributes**.
- <audio> tag belongs to **Flow Content category**.

Syntax for <audio> tag:

```
<audio>Content here...</audio>
```

Difference between HTML4.01 and HTML 5:

HTML 4.01:

- HTML4 does not supports the <audio> tag.

HTML 5:

- <audio> tag is new to HTML5.



Sample coding for <audio> tag:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Wikitechy audio tag</title>
  </head>
  <body>
    <h2>Wikitechy Audio</h2>
    <audio controls>
      <source src="wikitechy-audio.wav" type="audio/wav">
      <source src="wikitechy-audio.mp3" type="audio/mp3">
    </audio>
  </body>
</html>
```

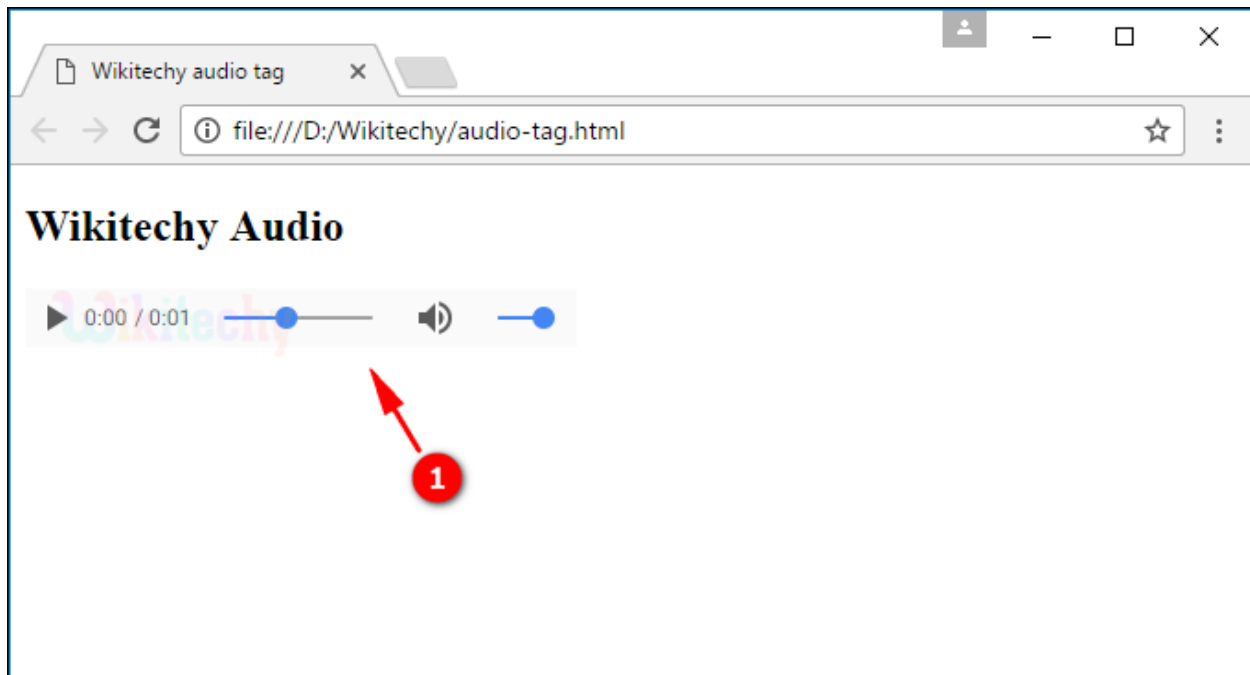
Code Explanation for <audio> tag:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Wikitechy audio tag</title>
  </head>
  <body>
    <h2>Wikitechy Audio</h2>
    1 → <audio controls> ← 2
        3 → <source src="wikitechy-audio.wav" type="audio/wav">
            4 ← <source src="wikitechy-audio.mp3" type="audio/mp3">
            5 ←
        </audio>
    </body>
</html>
```

1. <audio> tag used to embed audio file.
2. controls attribute used to specifies that audio controls should be displayed.

3. <source> tag used to define the source of the audio file.
4. "wikitchy-audio.wav" is the source file.
5. type attribute used to define the media type.

Output for <audio> tag:



1. Here the audio file is displayed in the output.

Attribute:

Attribute	Value	HTML 4	HTML 5	Description
autoplay	autoplay	No	Yes	Specifies that the audio will start playing as soon as it is ready
controls	controls	No	Yes	Specifies that audio controls should be displayed (such as a play/pause button etc)
loop	loop	No	Yes	Specifies that the audio will start over again, every time it is finished
muted	muted	No	Yes	Specifies that the audio output should be muted
preload	auto metadata none	No	Yes	Specifies if and how the author thinks the audio should be loaded when the page loads
src	URL	No	Yes	Specifies the URL of the audio file

Browser Support for <audio> tag:

Browser	Mp3	wav	ogg
Chrome (37.0)	Yes	Yes	No
Internet explorer / Edge	Yes	No	Yes
Firefox	Yes	Yes	Yes
Safari	Yes	Yes	No
Opera(24.0)	Yes	Yes	Yes

