Hands On: Using the Video Tag

In this lesson, we'll work on an exercise and learn how to use the video tag in html.
Let's begin!

WE'LL COVER THE FOLLOWING

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EXERCISE 3-23: Using the `<video>` tag

To save time, you will start with a prepared project that can be found in the **Exercise-03-23-Begin** folder in the **live widget** below:

```
<!DOCTYPE html>
<html>
<head>
  <title>Using the &lt;video&gt; tag</title>
  <style>
    body {
      font-family: Verdana, Arial, sans-serif;
      margin-left: 24px;
    }
    p {
      width: 640px;
    }
  </style>
</head>
<body>
  <h1>Snorkeling in the Caribbean</h1>
  <p>
  Hey dude, In 2010 I cruised around a few great
    Caribbean islands. Here is a short video about
    my snorkeling experience.
  </p>
  <!-- Place the video here -->
  <video src="./Video/Caribbean.mp4" controls autoplay>
  </video>

</body>
</html>
```

To learn adding video to an HTML5 web page, follow these steps:

Step 1:

Open the **index.html** file. You will find a placeholder `comment` there to insert a video.

Type the following markup right beneath the `comment` on **line 22** in the live widget above:

```
<video src="./Video/Caribbean.mp4" controls autoplay>
</video>
```

markup for adding a video

After typing the above lines of code, the `<body>` section of the **index.html** file

should look like this:

index.html

```
<body>
  <h1>Snorkeling in the Caribbean</h1>
  <p>
    Hey dude, In 2010 I cruised around a few great
    Caribbean islands. Here is a short video about
    my snorkeling experience.
  </p>
  <!-- Place the video here -->
  <video src="Video/Caribbean.mp4" controls autoplay>
  </video>
</body>
```

the <body> section of index.html file

Step 2:

Display the page in the browser. When the web page is displayed, the video starts playing, as shown in the image below:

Using the <video> tag in a web page.

HOW IT WORKS

HOW IT WORKS

Line 1:

The `<video>` tag instructs the browser to display a video player in the page's window. The `src` attribute defines the source of the video, which is an **MP4** (**H.264** encoded video) file in this exercise.

Line 4:

The `controls` attribute specifies that video controls such as the play/pause button, the volume control, etc. should be displayed.

Line 7:

The `autoplay` attribute instructs the browser to start playing the video as soon as the page is loaded.

Complete Live demo

The complete implementation of the above exercise is given below for you to play around and experiment with.

```
<!DOCTYPE html>
<html>
<head>
  <title>Using the &lt;video&gt; tag</title>
  <style>
    body {
      font-family: Verdana, Arial, sans-serif;
      margin-left: 24px;
    }
    p {
      width: 640px;
    }
  </style>
</head>
<body>
  <h1>Snorkeling in the Caribbean</h1>
  <p>
  Hey dude, In 2010 I cruised around a few great
    Caribbean islands. Here is a short video about
    my snorkeling experience.
  </p>
  <video src="./Video/Caribbean.mp4" controls autoplay>
  </video>
</body>
</html>
```

More video attribues

Besides the `src`, `controls`, and `autoplay` attributes, `<video>` provides a few others.

The `width` and `height` attributes

The default size of the video player is aligned to the size of the source, but with the `width` and `height` attributes you can specify a custom size.

The `poster` attribute

The `poster` attribute allows specifying the image to be shown while the video is downloading, or until the user hits the play button.

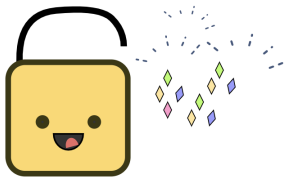
The `mute` attribute

You can tell the player that your video should be `muted`.

The `loop` attribute

With using a `loop`, you can tell that the video should start over again, every time it's finished.

Achievement unlocked!



Congratulations! You've learned to style a web page by adding some videos!

Amazing work!

Give yourself a round of applause!

In the *next lesson*, we'll learn about the different video formats that can be used.

See you there!