

Hands On: Supporting Multiple Video Formats

In this lesson we will learn how to add support for multiple video formats in HTML.
Let's begin!

WE'LL COVER THE FOLLOWING



- **Exercise 3-24:** Supporting multiple video formats
 - Step 1:
 - Step 2:
 - Step 3:
 - Step 4:
 - Step 5:
 - Step 6:
 - Step 7:

Exercise 3-24: Supporting multiple video formats

#

To save time, you will start with the same prepared project as in the previous exercise (Exercise 3-23) as given below:

```
<!DOCTYPE html>
<html>
<head>
  <title>Using the &lt;video> tag</title>
  <style>
    body {
      font-family: Verdana, Arial, sans-serif;
      margin-left: 24px;
    }
    p {
      width: 640px;
    }
  </style>
</head>
<body>
  <h1>Sparkling in the Caribbean</h1>
```

```
<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>
```

To learn new features of the `<video>` tag, follow these steps:

Step 1:

Open the index.html file. Add the highlighted `<video>` code snippet to the file:

HTML index.html

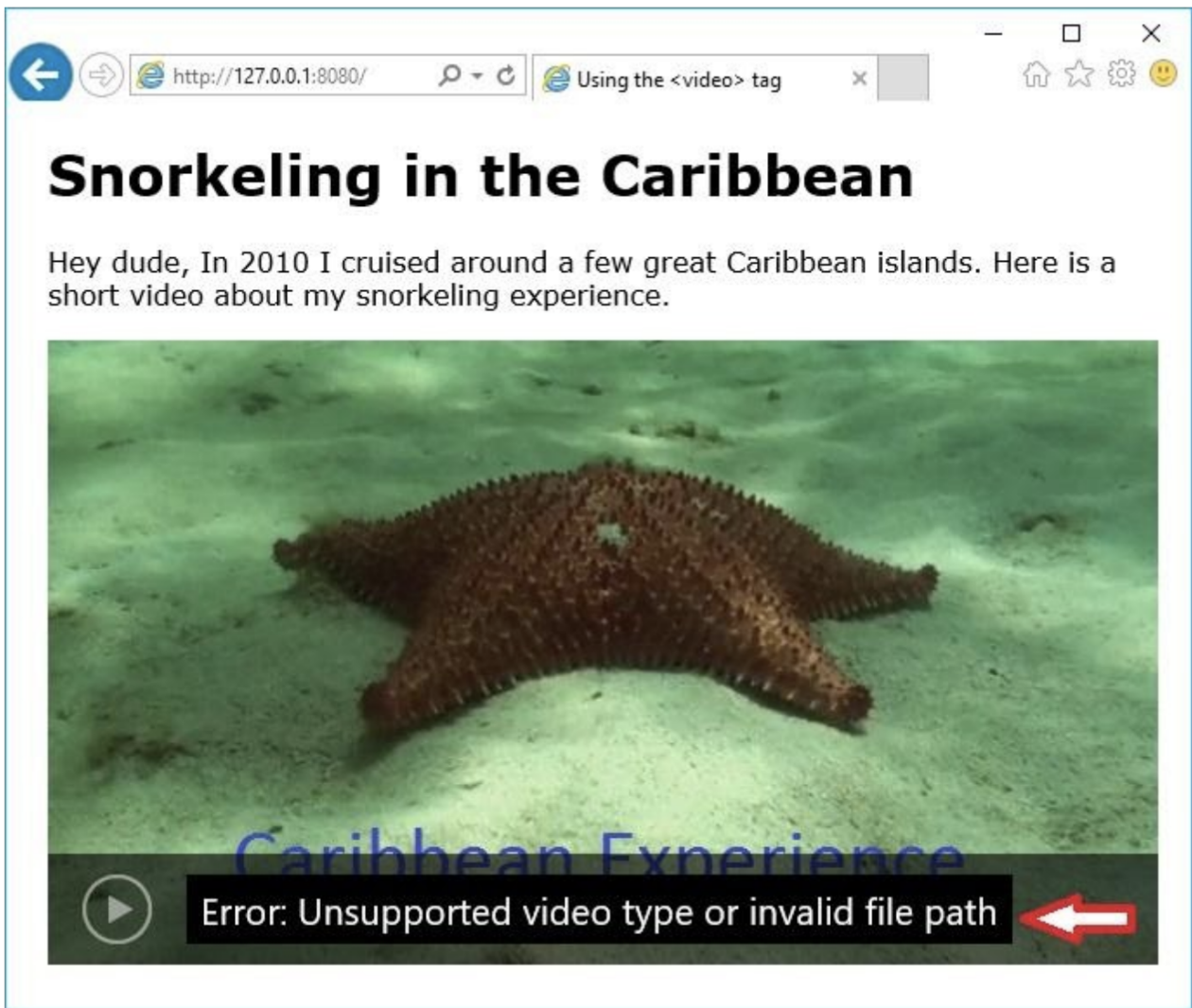
```
<body>
  <h1>Snorkeling in the Caribbean</h1>
  <p>...</p>
  <!-- Place the video here -->
  <video controls
    poster="Images/VideoPoster.png">
    <source src="Video/Caribbean.webm" type="video/webm" />
  </video>
</body>
```

Step 2:

Display the page in Chrome. When the app starts, it shows you the image you set in the poster attribute, unless you click the play button, then it plays the video.

Step 3:

Open Internet Explorer and display the page, use the "Your app can be found at" URL given under the live widget. Internet Explorer does not support the WebM format, so it will display an error message, as shown in the image below:



Step 4:

Close the browser and go back to the editor to change the index.html file. Add the following highlighted `<source>` tag after the previous one:

```
index.html

<video controls
  poster="/Images/VideoPoster.png">
  <source src="/Video/Caribbean.webm" type="video/webm" />
  <source src="/Video/Caribbean.mp4" type="video/mp4" />
</video>
```

Step 5:

Add the highlighted text before the closing `</video>` element:

```
index.html
```

```
<video controls
  poster="Images/VideoPoster.png">
  <source src="Video/Caribbean.webm" type="video/webm" />
  <source src="Video/Caribbean.mp4" type="video/mp4" />
  Sorry, HTML5 video is not supported.
</video>
```

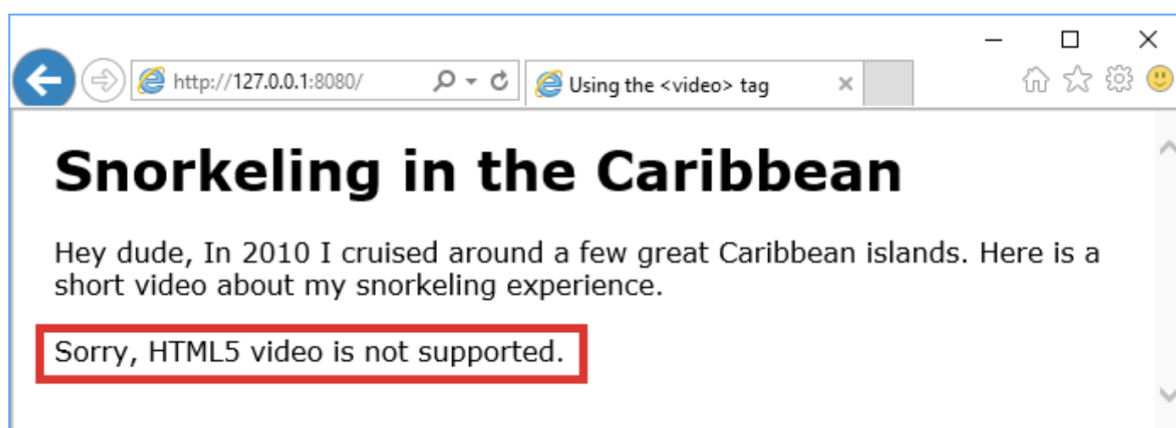


Step 6:

Display the page again using Internet Explorer, just like in step 3. When you click the play button, the video starts playing.

Step 7:

Click the Compatibility View icon in the address bar or press Alt, and then choose Tools | Compatibility View. Add the `127.0.0.1` sites to the Compatibility View list. Internet Explorer goes into the compatibility view mode, in which it does not support HTML5 video. Instead of a video player, you'll see the text you inserted in step 6 (the image below).



Fallback, when HTML5 video is not available

In the *next lesson*, we'll understand the workings behind the above exercise.

See you there!

