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## HTML5 Features

Overview of HTML5 features introduced in Codecademy's Make a Website course.



## HTML 5 Features

Web languages need regular upgrades in order to stay current and solve new problems faced by web developers. HTML5 is the latest version of HTML. Below are some HTML5 features you will encounter as you learn with Codecademy.

### video

The *video* element allows you to easily stream video from a website.

```
<video width="450px" height="350px" controls>  
  <source src="video-url.mp4" type="video/mp4">  
</video>
```

In the HTML above, width and height set the dimensions for the video element. The controls attribute creates playback buttons such as "Play" and "Pause". The source src tag provides the URL where the video is hosted and type specifies the video's type, in this case, "video/mp4".

### figure

*Figure* elements can be used to display visual content, such as photos, illustrations, diagrams or code snippets.

```
<figure class="gallery-item">  
    
</figure>  
<figure class="gallery-item">  
    
</figure>
```

In the example code above, figure elements have the class "gallery-item", and each contains an img element.

### section

*Section* elements, like `divs`, can be used to organize webpage content into thematic groups.

```
<section class="contact-form">
  <h2>Contact Us</h2>
  <form>
    ...
  </form>
</section>
```

Above, a `section` element is used to organize `h2` and `form` elements for a website's "Contact Us" feature.

## nav

The *nav* element is used for the part of a website that links to other pages on the site. The links can be organized a number of ways. Below, the links are displayed within paragraph elements. An unordered list could also be used.

```
<nav>
  <p><a href="login.html">Log In</a></p>
  <p><a href="signup.html">Sign Up</a></p>
  <p><a href="contact.html">Contact Us</a></p>
</nav>
```

## header

The *header* element can be used to group together introductory elements on a website, such as a company logo, navigation items, and sometimes, a search form.

```
<header>
  
  <nav>
    <p><a href="login.html">Log In</a></p>
    <p><a href="signup.html">Sign Up</a></p>
    <p><a href="contact.html">Contact Us</a></p>
  </nav>
</header>
```

Above, the `header` element encloses the `img` and `nav`.

## footer

The *footer* element is typically found at the bottom or foot of a webpage. It can contain copyright information, links to social media and additional site navigation items.

```
<footer>
  <p>&copy; Acme Granola Corporation 2016</p>
  <div class="social">
    <a href="#"></a>
    <a href="#"></a>
    <a href="#"></a>
  </div>
</footer>
```

Above, between `<footer>` and `</footer>`, copyright information is contained in the `p` element, and social

media links are contained within the div with class "social".



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