

The Basics

Intro to Web Development

Lesson 1: Intro to HTML



#1

Intro to HTML



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Video Walkthrough

First Steps in HTML

What did you have for breakfast today?

```
//codepen.io/lennyroycodes/embed/PvVzJz/?height=300&theme-id=37020&default-  
tab=html,result&editable=true
```

Video Walkthrough



<https://www.youtube.com/embed/9jwfMeNF68k?autoplay=0&rel=0&enablejsapi=1>

HTML Syntax

How to Build an HTML Element

```
1 <p> My name is Lennyroy. I am a <strong>web development</strong> teacher </p>
```

<p>

content

</p>

content

Video Walkthrough



<https://www.youtube.com/embed/tFkUdopqgCI?autoplay=0&rel=0&enablejsapi=1>

HTML Tags In Action

A collection of different HTML tags

```
//codepen.io/lennyroycodes/embed/qGgaab/?height=300&theme-id=37020&default-  
tab=html,result&editable=true
```


Video Walkthrough



<https://www.youtube.com/embed/nLGOhfzLHIA?autoplay=0&rel=0&enablejsapi=1>



The Paragraph Tag

```
1 <p> content </p>
```

The <p> tag defines a paragraph. We use it to wrap to wrap text.



[//codepen.io/lennyroycodes/embed/vwbXpJ/?height=300&theme-id=37020&default-tab=html,result&editable=true](https://codepen.io/lennyroycodes/embed/vwbXpJ/?height=300&theme-id=37020&default-tab=html,result&editable=true)

Video Walkthrough



[https://www.youtube.com/embed/QQmoWzimmWI?
autoplay=0&rel=0&enablejsapi=1](https://www.youtube.com/embed/QQmoWzimmWI?autoplay=0&rel=0&enablejsapi=1)

Audio & Extras

<https://anchor.fm/lennyroy-robles4/embed/episodes/Basics-1-1-The-Paragraph-Tag-e4gf5l/a-ai2in0>

W3 Schools	Open		HTML Tutor	Open
MDN	Open		Podcast Homepage	Open

Heading Tags

```
1 <h1>Heading 1</h1>
```

The <h1> to <h6> tags are used to define HTML headings

[//codepen.io/lennyroycodes/embed/VJaWjX/?height=300&theme-id=37020&default-tab=html,result&editable=true](https://codepen.io/lennyroycodes/embed/VJaWjX/?height=300&theme-id=37020&default-tab=html,result&editable=true)

Video Walkthrough



<https://www.youtube.com/embed/Z0XRn-NB-3o?autoplay=0&rel=0&enablejsapi=1>

Audio Walkthrough

<https://anchor.fm/lennyroy-robles4/embed/episodes/Basics-1-1-Heading-Tags-e4gf6c>

Strong & Italic Tags

```
1 <strong> The strong tag makes text bold</strong>
```

```
1 <i> Italics </i>
```

[//codepen.io/lennyroycodes/embed/bPpRob/?height=300&theme-id=37020&default-tab=html,result&editable=true](https://codepen.io/lennyroycodes/embed/bPpRob/?height=300&theme-id=37020&default-tab=html,result&editable=true)

Video Walkthrough



<https://www.youtube.com/embed/Z0XRn-NB-3o?autoplay=0&rel=0&enablejsapi=1>

Audio Walkthrough

[https://anchor.fm/lennyroy-robles4/embed/episodes/Basics-1-3-Strong--Italic-
Tags-e4gf6m](https://anchor.fm/lennyroy-robles4/embed/episodes/Basics-1-3-Strong--Italic-Tags-e4gf6m)

Line Break & Horizontal Rule

```
1 content<br />  
2 content  
3 <hr />
```

The
 tag inserts a single line break.

The <hr> element is used to separate content
(or define a change) in an HTML page.

[//codepen.io/lennyroycodes/embed/XLaPOw/?height=300&theme-id=37020&default-tab=html,result&editable=true](https://codepen.io/lennyroycodes/embed/XLaPOw/?height=300&theme-id=37020&default-tab=html,result&editable=true)

Video Walkthrough



<https://www.youtube.com/embed/Flk1wBhlpQ4?autoplay=0&rel=0&enablejsapi=1>

Audio Walkthrough

<https://anchor.fm/lennyroy-robles4/embed/episodes/Basics-1-4-Line-Break--Horizontal-Rule-e4htmd>



Link Tags

The `<a>` tag defines a hyperlink. Most commonly used with href attribute.

```
1 <a href="https://www.google.com/" target="_blank">This is a link to Google</a>
```



```
//codepen.io/lennyroycodes/embed/MMvqML/?height=300&theme-  
id=37020&default-tab=html,result&editable=true
```

Video Walkthrough



<https://www.youtube.com/embed/Flk1wBhlpQ4?autoplay=0&rel=0&enablejsapi=1>

Audio Walkthrough



<https://anchor.fm/lennyroy-robles4/embed/episodes/Basics-1-5-Link-Tag-e4htnt>

Audio Walkthrough



<https://anchor.fm/lennyroy-robles4/embed/episodes/Basics-1-5-Link-Tag-e4htnt>

Link Tags Review



```
1 <a href="URL">Link Title</a>
```



Attributes

Full URL

What you see on site

Element Start

Element End

Video Walkthrough



<https://www.youtube.com/embed/3GK1CrffFKk?autoplay=0&rel=0&enablejsapi=1>

Attributes



```
1 <a href="URL" attribute-name="">...
```



Attribute



Value



Link Attributes

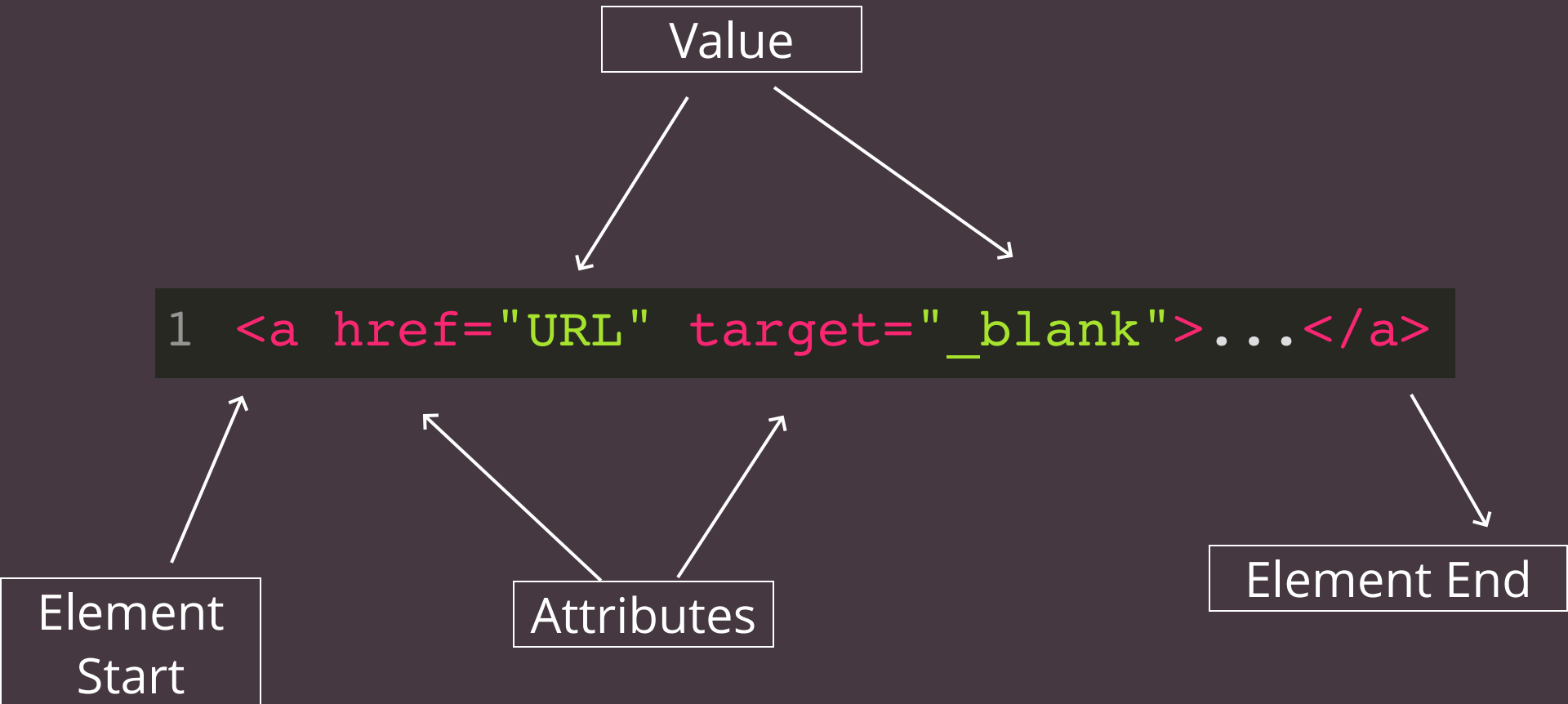




Image Attributes

Value

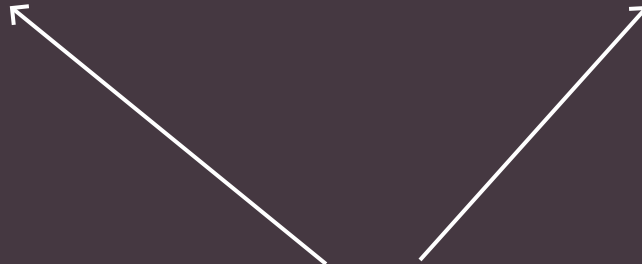


1 ``

Element
Start



Attributes



Element End





Attributes

All HTML elements can have **attributes**

Attributes are always specified in **the start tag**

Attributes provide **additional information** about an element

Attributes usually come in name/value pairs like: **name="value"**



```
//codepen.io/lennyroycodes/embed/WqEaRY/?height=300&theme-id=37020&default-  
tab=html,result&editable=true
```

Video Walkthrough



[https://www.youtube.com/embed/3GK1CrffFKk?
start=265&autoplay=0&rel=0&enablejsapi=1](https://www.youtube.com/embed/3GK1CrffFKk?start=265&autoplay=0&rel=0&enablejsapi=1)

Audio Walkthrough



<https://anchor.fm/lennyroy-robles4/embed/episodes/Basics-1-6-Attributes-e4htvh>



Image Tags



```
1 
```

Create an image tag with



[//codepen.io/lennyroycodes/embed/NZaNdB/?height=300&theme-id=37020&default-tab=html,result&editable=true](https://codepen.io/lennyroycodes/embed/NZaNdB/?height=300&theme-id=37020&default-tab=html,result&editable=true)

Video Walkthrough

[https://www.youtube.com/embed/Aa8xjsr-ZZc?start=265?
autoplay=0&rel=0&enablejsapi=1](https://www.youtube.com/embed/Aa8xjsr-ZZc?start=265?autoplay=0&rel=0&enablejsapi=1)

Audio Walkthrough

<https://anchor.fm/lennyroy-robles4/embed/episodes/Basics-1-7-Image-Tag-e4hu3p>



List Tags

```
1 <ol>
2   <li>Jersey City</li>
3   <li>Hoboken</li>
4   <li>Newark</li>
5 </ol>
```

an is ordered list

an is unordered list

```
1 <ul>
2   <li>Queens</li>
3   <li>Brooklyn</li>
4   <li>Manhattan</li>
5 </ul>
```



[//codepen.io/lennyroycodes/embed/XLzjvo/?height=300&theme-id=37020&default-tab=html,result&editable=true](https://codepen.io/lennyroycodes/embed/XLzjvo/?height=300&theme-id=37020&default-tab=html,result&editable=true)

Video Walkthrough



[https://www.youtube.com/embed/A1tjuC0R1_U?start=265?
autoplay=0&rel=0&enablejsapi=1](https://www.youtube.com/embed/A1tjuC0R1_U?start=265?autoplay=0&rel=0&enablejsapi=1)

Audio Walkthrough



<https://anchor.fm/lennyroy-robles4/embed/episodes/Basics-1-8-List-Tags-e4hu83>

Review

[//codepen.io/lennyroycodes/embed/PMbJMx/?height=300&theme-id=37020&default-tab=html,result&editable=true](https://codepen.io/lennyroycodes/embed/PMbJMx/?height=300&theme-id=37020&default-tab=html,result&editable=true)

Video Walkthrough

[https://www.youtube.com/embed/EoRiR0gCreE?start=265?
autoplay=0&rel=0&enablejsapi=1](https://www.youtube.com/embed/EoRiR0gCreE?start=265?autoplay=0&rel=0&enablejsapi=1)

HTML Tags Challenge

Use the cheat sheet!

Click on the Hints button and recreate the elements on that page

Hints

```
//codepen.io/lennyroycodes/embed/XLgBXe/?height=300&theme-id=37020&default-  
tab=html,result&editable=true
```

Video Walkthrough



[https://www.youtube.com/embed/EmawzKWfKdY?start=265?
autoplay=0&rel=0&enablejsapi=1](https://www.youtube.com/embed/EmawzKWfKdY?start=265?autoplay=0&rel=0&enablejsapi=1)



Extras



w3 Reference	Open		Hints	Open	
Cheat Sheet	Open		Dev.to Blog	Open	

Advanced Challenge

Optional challenge, use w3 schools for reference. Google anything you don't know how to do!

Hints

```
//codepen.io/lennyroycodes/embed/ewRLpP/?height=300&theme-id=37020&default-tab=html,result&editable=true
```

Video Walkthrough



[https://www.youtube.com/embed/HjHEqPhdOG4?
autoplay=0&rel=0&enablejsapi=1](https://www.youtube.com/embed/HjHEqPhdOG4?autoplay=0&rel=0&enablejsapi=1)



Extras



w3 Reference	Open		Hints	Open	
Inline Styles	Open		Dev.to Blog	Open	



Resources

Extras

Browsers

Chrome

Firefox

Coding Editor

Sublime Text

Brackets

VScode

Accounts

Code Academy

Codepen

GitHub

Glitch

gmail

Do not use Internet Explorer!

Keep track of all usernames
and passwords!



Homework

1. INTRODUCTION TO HTML

Code Academy Course

2. HTML DOCUMENT STANDARDS

Code Academy Course



Extras

Paid Courses

Treehouse [Sign up!](#)

7 Day Free Trial - 25/a month

LinkedIn [Sign up!](#)

30 Day Free Trial - 30/a month

Free Courses

[w3 Schools HTML](#)

LinkedIn Learning Courses

[HTML Essential Training](#)

[Introduction to Web Design and Development](#)

Treehouse Courses

[HTML Basics](#)

[HTML & CSS](#)



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[GitHub](#)

[Codepen](#) | [Glitch](#)

The next slide will be the last slide :)



Next Lesson

Lesson 2: Intro to CSS

[Click Here!](#)