

# HTML Basics

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# HTML Basics Review

- This set of slides are quick reviews based on the first two modules from this course:  
<https://www.codecademy.com/learn/learn-html-css>
- You need to understand all tags covered in these modules and are able to write similar HTML pages using Atom with Linting

# Minimal HTML Skeleton

- The `<!DOCTYPE html>` declaration should always be the first line of code in your HTML files.
- The `<html>` element will contain all of your HTML code.
- Information about the web page, like the title, belongs within the `<head>` of the page.
- You can add a title to your web page by using the `<title>` element, inside of the head.
- Code for visible HTML content will be placed inside of the `<body>` element.

```
1  <!DOCTYPE html>
2  <html>
3    <head>
4      <title>Hello World</title>
5    </head>
6    <body>
7      <h1>Hello World!</h1>
8    </body>
9  </html>
```

# Links

- Link tag: <a>
- Link Attributes

```
<a href="https://en.wikipedia.org/wiki/Brown_bear" target="_blank">  
    The brown bear  
</a>
```

# Images

- Image tag: <img>
- Image attributes
- Make image a link
- Placeholder link: href="#"

```
<a href="https://en.wikipedia.org/wiki/Brown_bear" target="_blank">  
    
</a>
```

# Code Readability

- Follow coding conventions to improve your code readability, such as
  - Indentation
  - Nesting
  - Naming convention
- Follow style guides, such as [PEP8 for Python](#)
- Use tools
  - Linting: [atom linter](#)
  - Auto formatting: [atom-beautify](#) (this may break your python code sometimes – always double check the result)
  - Auto complete for HTML/CSS : [emmet](#)

**Warning: Atom packages may conflict with each other – if you see loading errors, try to disable certain packages**

# Comments

- Use comments to help others and yourself understand your code better!

```
<!-- This is a comment that the browser will not  
display. -->
```

# Exercise Example

[https://gist.github.com/harrywang/82e7967bdd1bc7a27bed0bbb1add  
e626](https://gist.github.com/harrywang/82e7967bdd1bc7a27bed0bbb1add<br/>e626)



Questions?