

See syllabus for this week's freecodecamp homework.

If you are struggling with a topic, it is recommended that the student spend 30 minutes researching solutions before looking for *hints* found on the freecodecamp website. Consider the hints on the freecodecamp website, *answers in the back of the book*. Students will be responsible for understanding a topic before moving on to the next topic.

HTML Book

Consider the links below the first chapter of this course's *book*.

Bookmark the link (<https://developer.mozilla.org/en-US/docs/Web/HTML/Element>) and use it as an HTML reference. This page is the *book* for the HTML in this course. If english is your second language, you may change the language of this site in the breadcrumb section of the page. I am told by students that the translations of this site are very good.

Read everything on the pages in the links below and play with the markup to help with understanding.

Meta Data

- <https://developer.mozilla.org/en-US/docs/Web/HTML/Element/title>
- https://www.w3schools.com/tags/att_link_rel.asp

Code for favicon.

```
<link rel="icon" href="favicon.png" type="image/png" />
```

Content Sectioning

- <https://developer.mozilla.org/en-US/docs/Web/HTML/Element/header>
- <https://developer.mozilla.org/en-US/docs/Web/HTML/Element/nav>
- <https://developer.mozilla.org/en-US/docs/Web/HTML/Element/main>
- <https://developer.mozilla.org/en-US/docs/Web/HTML/Element/section>
- <https://developer.mozilla.org/en-US/docs/Web/HTML/Element/footer>
- https://developer.mozilla.org/en-US/docs/Web/HTML/Element/Heading_Elements

Text Content

- <https://developer.mozilla.org/en-US/docs/Web/HTML/Element/p>
- <https://developer.mozilla.org/en-US/docs/Web/HTML/Element/a>
- https://developer.mozilla.org/en-US/docs/Web/HTML/Element/a#Linking_to_an_element_on_the_same_page
- https://developer.mozilla.org/en-US/docs/Web/HTML/Element/a#External_links_and_linking_to_non-HTML_resources
- <https://developer.mozilla.org/en-US/docs/Web/HTML/Element/ul>
- <https://developer.mozilla.org/en-US/docs/Web/HTML/Element/ol>

Image element

- <https://developer.mozilla.org/en-US/docs/Web/HTML/Element/img>
- https://www.w3schools.com/html/html_filepaths.asp

HTML Attributes

- https://developer.mozilla.org/en-US/docs/Web/HTML/Global_attributes/class
- https://developer.mozilla.org/en-US/docs/Web/HTML/Global_attributes/id

1. Rename the week-one-basic-html folder: first_name-last_name-basic-html.
A student with the name John Doe will create a folder named:
john-doe-basic-html
2. Create an index.html file in the project folder. This file will be in the same folder as all of the image files. This folder is the root folder.
3. Give the document a <title> of Big Cats.
4. Create a <div> element, and give it a [class](#) of "wrapper".
5. The "wrapper" <div> will have three children.
 - a. <header>
 - b. <main>
 - c. <footer>
6. The <header> and <footer> elements will each have one child.
7. <nav>
8. The <nav> elements in the <header> and <footer> will each have unordered lists.
9. The unordered lists in the <header> and <footer> nav elements will each have six list items.
10. Each list-item will have an anchor element with the following text.
 - a. Wiki Cheetah (<https://en.wikipedia.org/wiki/Cheetah>)
 - b. Wiki Leopard (<https://en.wikipedia.org/wiki/Leopard>)
 - c. Wiki Lion (<https://en.wikipedia.org/wiki/Lion>)
 - d. Wiki Lynx (<https://en.wikipedia.org/wiki/Lynx>)
 - e. Wiki Panther (https://en.wikipedia.org/wiki/Black_panther)
 - f. Wiki Tiger (<https://en.wikipedia.org/wiki/Tiger>)
11. Every time the page links to another site, like wikipedia, always (99.9% of the time) make the link open in a new window. Whenever a link opens a page on the same website, or "same project," **DO NOT** make the link open in a new window. This is true 99.9% of the time.
12. Each anchor will link to the animal's wikipedia page.
13. The <main> element will have eight children.
 - a. One ordered list.
 - b. One <h1> element with the text "Big Cats"
 - c. Six <section> elements.
14. The <section> elements will each have their own [id](#) attribute in this order.
 - a. cheetah
 - b. leopard
 - c. lion
 - d. lynx
 - e. panther
 - f. tiger
15. The ordered list will have six list-items.

16. Each list-item will have an anchor element with the following text.
- Cheetah
 - Leopard
 - Lion
 - Lynx
 - Panther
 - Tiger
17. The anchors in the ordered list will link to its <section> element on this page.
The “Cheetah” link will link to the section with the **id** of “cheetah” on this page.
18. Each <section> element will have an <h2> element. Use the id of the page as the text.
The section with the **id** of “cheetah” will have a <h2> element with the text, “Cheetah”.
19. Under the <h2> element, each section will have an image element. Add the correct image for each big cat. The images can be found in the folder for this project. The image’s alt tag will be the same as the section’s <h2> text.
Code for the tag for the cheetah section.
- ```

```
- [https://www.w3schools.com/html/html\\_filepaths.asp](https://www.w3schools.com/html/html_filepaths.asp)
- Very important: The images are in the same root folder as the index.html file.**
20. Each image will link to the animals wikipedia page.  
**See step 7. a-f above for links.**
21. Each section will have one or more paragraph elements after the anchor element containing the image. Copy and paste the paragraphs from the “Week 1 copy” file for the paragraphs for each section. Some sections only have one paragraph, but the Panther section, for example, has three paragraphs. Use three paragraph elements for this section.
22. After the paragraph element[s] there will be two more paragraphs.
- To learn more [click here](#).  
The text “click here” will link to the big cat’s wikipedia page.
  - [Back to Top](#)  
The text “Back to Top” will link to the top of the web page.
23. Once complete, zip the project folder in a zip file. The zip file **MUST** contain the index.html file and all of the image files. **DO NOT** send the index.html file on its own.
- PC:**  
<https://support.microsoft.com/en-us/help/14200/windows-compress-uncompress-zip-files>
- Mac:**  
<https://support.apple.com/guide/mac-help/compress-uncompress-files-folders-mac-mchlp2528/mac>