# HTML Novice? Use public domain PDFs to level up your skills.

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## Introduction:

Find your way out of “[tutorial purgatory](https://medium.freecodecamp.org/how-to-escape-tutorial-purgatory-as-a-new-developer-or-at-any-time-in-your-career-e3a4b2384a40)” and start building actual projects!

Before you start this project you should:

* Know the definition of an HTML [element](https://www.w3schools.com/html/html_elements.asp).
* Understand [Basic HTML document structure.](https://bethsoderberg.com/blog/html-basics-elements-tags-and-document-structure/)
  + [<DOCTYPE>](https://www.w3schools.com/tags/tag_doctype.asp) declarations
  + [<html>](https://www.w3schools.com/tags/tag_html.asp),[<head>](https://www.w3schools.com/tags/tag_head.asp),[<body>](https://www.w3schools.com/tags/tag_body.asp) tags and their corresponding closing tags
  + [HTML Headings](https://www.w3schools.com/html/html_headings.asp), at least <h1> through <h5>
  + [Lists](https://www.w3schools.com/html/html_lists.asp), both ordered <ol> and unordered <ul>
  + [Tables](https://www.w3schools.com/html/html_tables.asp)
  + Adding [images](https://www.w3schools.com/html/html_images.asp) and [figures](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/figure)
  + Using [anchor tags](https://www.w3schools.com/tags/tag_a.asp) to [create links](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Creating_hyperlinks)
* [Set up a coding environment](https://www.w3schools.com/html/html_editors.asp).
* Be able to use a simple [workflow](https://developer.mozilla.org/en-US/docs/Learn/Getting_started_with_the_web) for web development.

1. Edit your code in a text editor and save. (CTRL +S)
2. Open your file in the browser (CTRL +O), Refresh after changing (CTRL +R)

* Have a (very) basic understanding of [computer science trees](https://www.youtube.com/watch?v=ikPPdBDZnz4), and [how they relate to web pages.](http://web.simmons.edu/~grabiner/comm244/weekfour/document-tree.html)
* Know how and why to [debug your HTML](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Debugging_HTML).
* Have used an HTML validator such as <https://validator.w3.org/> to check your work.
* Try using [Google](https://www.google.com/), [W3C](https://www.w3schools.com/tags/), and the [MDN web docs](https://developer.mozilla.org/en-US/docs/Web/HTML/Element) to research HTML tags you don’t already know.
* [How paths work](https://www.w3schools.com/html/html_filepaths.asp) in reference to developing web pages including local, external, and relative paths.
* [How to attribute sources on web pages](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/cite), including the importance of [figures](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/figure), captions, and [the alt attribute](https://www.w3schools.com/tags/att_img_alt.asp).
* Basic [styling](https://www.w3schools.com/html/html_styles.asp), either in-line or in the <head> tag.

## My example:

For this project, I decided to use the “Liquid Manure” article from the [Department Of Agriculture And Technical Instruction For Ireland Journal Vol-Xvi (1915-16)](http://archive.org/details/in.ernet.dli.2015.240535/page/n33.) . I chose this article specifically, and not just because the topic is engrossing with emphasis on gross! “Liquid Manure” is also:

1. In the [public domain](https://fairuse.stanford.edu/overview/public-domain/welcome/). This means I don’t have to worry about breaking any laws, getting permission, etc.
2. Published in a technical journal. Pre-computer age technical journals are *perfect* for practicing HTML without also having to also know how a lot of CSS or Javascript.
3. Uses basic elements that I want to showcase for this post including:
   1. Headings
   2. Paragraphs
   3. Images/ Figures
   4. bold/ italicized/ underlined text

## Using the Internet Archive to find PDFs:

## Next steps:

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## Conclusion: