



Avon Coders

May Workshop Notes

<https://avoncoders.neocities.org>

- Today we're going to do something different: HTML
- HTML: **H**yper**T**ext **M**arkup **L**anguage
 - The language of web pages
 - Invented by Tim Burners-Lee in 1993
- What does HTML look like?
 - You can see any website's HTML by right-clicking it and clicking "Inspect"
 - Try it on avoncoders.neocities.org.
- Web browsers (e.g. chrome) "render" (draw) websites according to what the HTML says to do
- You can learn pretty much anything about HTML here:
<https://www.w3schools.com/html/>

The basics

- Tags: `<p>`, `<h1>`, to name a few...
 - Tags generally appear in pairs - one tag to open and another to close. For example: `<p>Hello World</p>`
 - Note that the closing tag is the same as the opening tag, but begins with a forward slash
- Elements
 - A complete set of `<tag>some content</tag>` is called an *element*
- Attributes
 - Some tags support "attributes" that allow you to control more stuff about that tag. For example, the `<body>` tag supports an attribute called 'bgcolor' that can set the background color: `<body bgcolor="blue">...</body>`

Your goals for today:

1. Create your own website on neocities!
2. Your website should have at least two pages
 - a. Your main page should be called **index.html**
 - b. To get started, steal the HTML from this page and put it in index.html, then change it
3. Each page should have at least one picture on it, and a link to the other page
4. Once you've got the basics, then there's colors, fonts, lists, tables and so much more

Question of the day: is HTML a programming language?