

Learn to Code

intro session

The Internet

Chrome, Firefox, Safari, Internet Explorer.

Search Engines, Domains, Web Hosting.

HTML 4, HTML 5, CSS, JS.

PHP, NODEJS, RUBY, ASP, PYTHON.

TCP IP, FTP, HTTP, HTTPS, DNS, SSH.

SMTP, IMAP.

Databases, Version Control, W3C... etc...

This Course

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Lesson Plan

Week 1: HTML concepts

Week 2: CSS concepts

Week 3: JS concepts

Week 4: Make your own homepage

Week 5: Hosting on github

You Need

Windows/Mac/Linux Laptop

Time

Patience

Code Fuel

Open Source Philosophy

Lets get started!

Session 1

GO!

<https://atom.io/>

<https://craigmayhew.github.io/tutorials/>

HTML 5

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="UTF-8">
    <title>Craig's Tutorial Page</title>
  </head>
  <body>
    This is the content of the page, for now it's just text.
  </body>
</html>
```

Pro Tip: Press ctrl + u in Chrome to view the HTML of any web page on the internet.

List of Tags: <http://www.w3schools.com/tags/default.asp>

HTML 5

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="UTF-8">
    <title>Craig's Tutorial Page</title>
  </head>
  <body>
    This is the content of the page, and <a href="https://www.google.com/">this is a link to Google</a>.
  </body>
</html>
```

Pro Tip: Press ctrl + u in Chrome to view the HTML of any web page on the internet.

List of Tags: <http://www.w3schools.com/tags/default.asp>

HTML 5

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="UTF-8">
    <title>Craig's Tutorial Page</title>
  </head>
  <body>
    <p>This is the content of the page, and <a href="https://www.google.com/">this is a link to
    Google</a>.</p>
    <p>This is an example of <b>bold</b>, <u>underlined</u>, <i>italics</i> and a
    <u><b>combination</b></u>. All of this is within a paragraph tag.</p>
  </body>
</html>
```

HTML Common Mistakes

```
<u><i>This is not valid HTML.</u></i>
```

```
<p>
```

```
  <u>
```

```
    Indentation!
```

```
  </u>
```

```
</p>
```

```
<p>
```

```
  <b>
```

```
    Indentation is important.
```

```
  <i>
```

It allows you to easily see when tags have not been closed in the correct order, or possibly not closed at all.

```
  </i>
```

```
</p>
```

Empty Elements

`
`

`<hr>`

``

Fin! Next Step

Create your own HTML page. Link to some of your favourite things. Try adding images using

```

```

Find this and other tutorials at:

<https://craigmayhew.github.io/tutorials/>