HTML - The Basics

Leon Noel

Pokemon Master.

Agenda

- Software engineering as a career?
- Learn - Course Setup
- Learn - How to Learn
- Learn - Client Server Model
- Code - RC Mission Page
- Learn - What is HTML?
- Learn - Structure
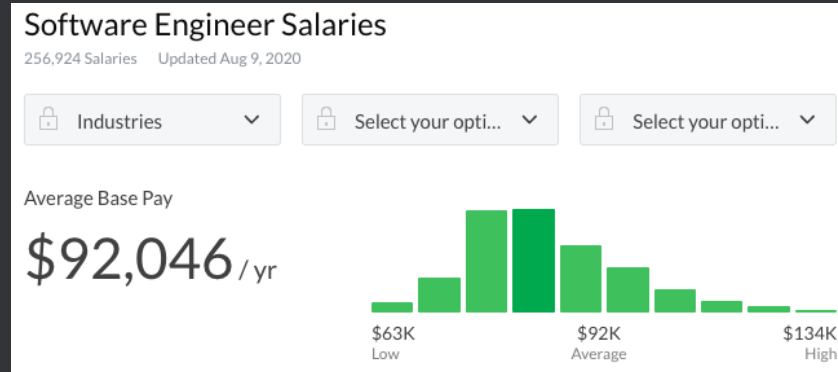- Learn - Syntax
- Code - Lab Time

Questions

About class or life

Career?

Learning to code is the current gold rush.

High Pay:

Software Engineer Salaries

256,924 Salaries   Updated Aug 9, 2020

| 🔒 Industries ∨ | 🔒 Select your opti... ∨ | 🔒 Select your opti... ∨ |

Average Base Pay

$92,046 / yr

| $63K | $92K | $134K |
| Low | Average | High |

Happiest Career:

Here are the best jobs of 2020:

- **Software Developer.**
- Dentist.
- Physician Assistant.
- Orthodontist.
- Nurse Practitioner.
- Statistician.
- Physician.

BEST JOBS
U.S.News
2020

money.usnews.com › ... › Careers › Money › Home ▼
The 100 Best Jobs in America | US News Careers

No degree

Can learn for free

Maybe slide in office?

Ticketmaster Office

A Window Is Open

Trough Of Sorrow

Community

Manage Frustration
Consistency
Taking Care Of Yourself

Don't let your dreams be dreams

Course Setup

Materials

Google Classroom
Slack

Networking

Look at me knowin' people!

insecure HBO

3 Individuals Already In Tech

Submitting Work

Always due Friday Midnight
First Google Classroom and Then Github

Coding Challenges

Syllabus

BEFORE YOU TYPE ANYTHING

RED TABLE TALK

HILLMAN

Be kind, be gentle...
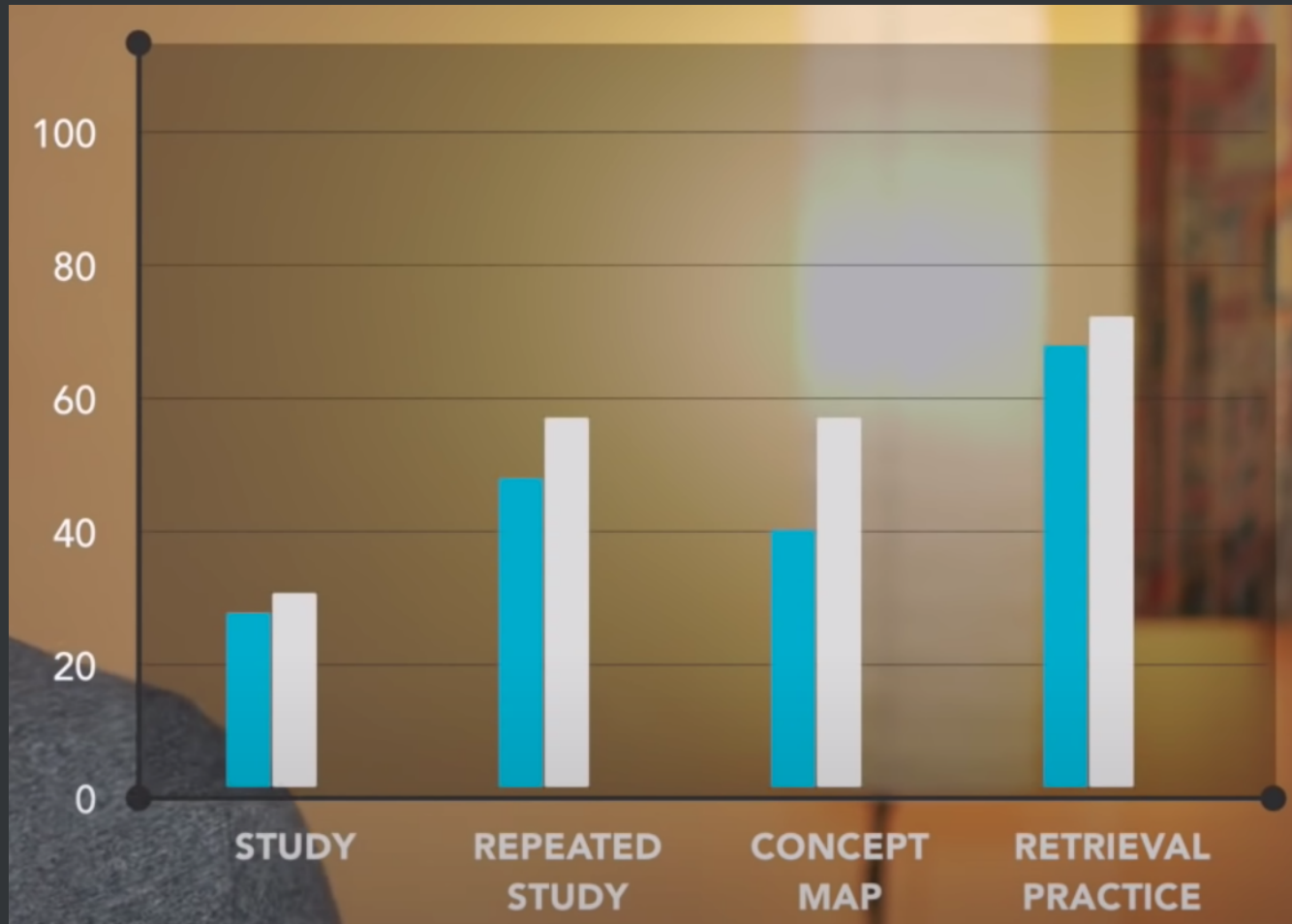
Have you ever:

GUILTY!

Y in chat please

What if there was a way to learn stuff faster, more efficently, and forever!
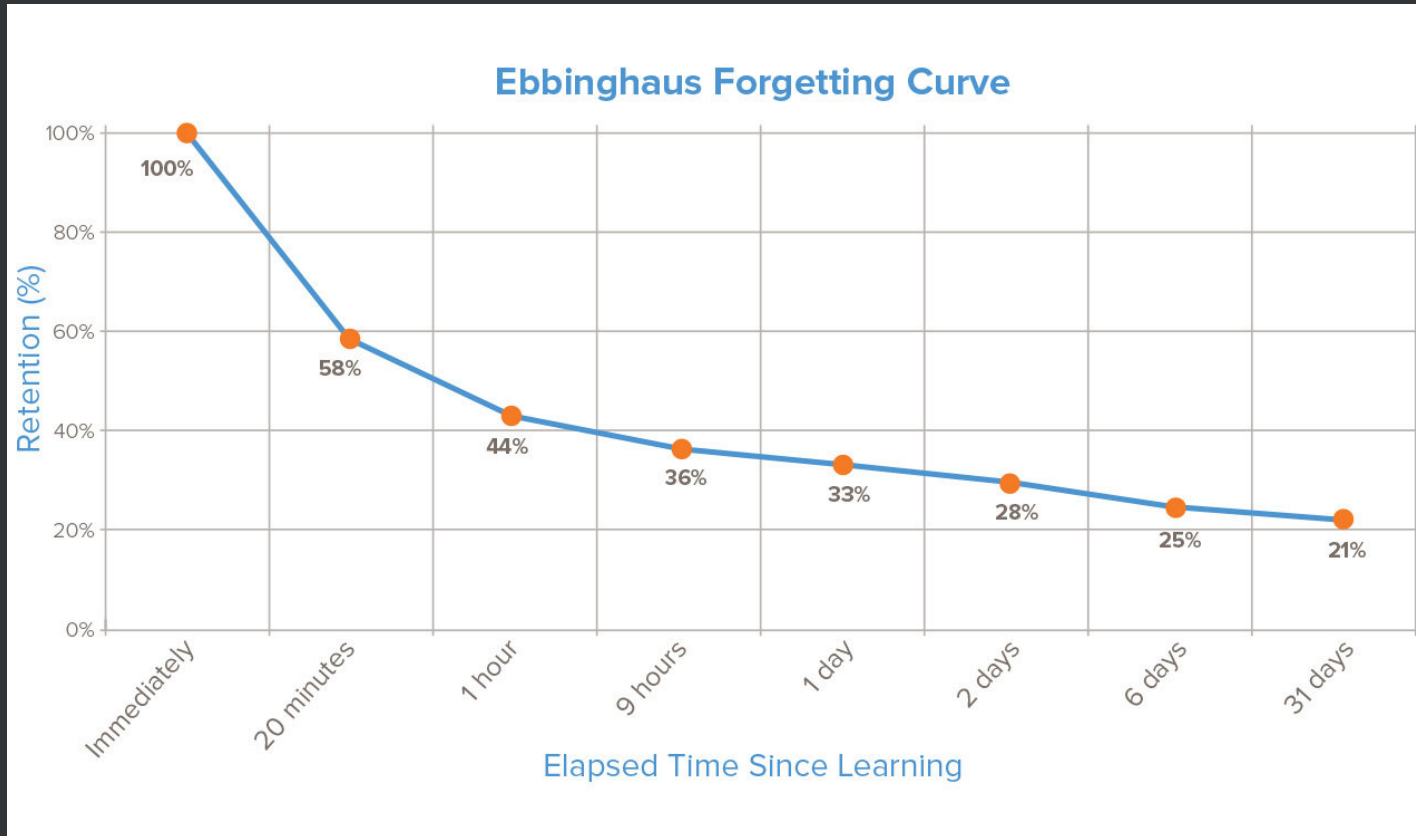
Learning How To Learn

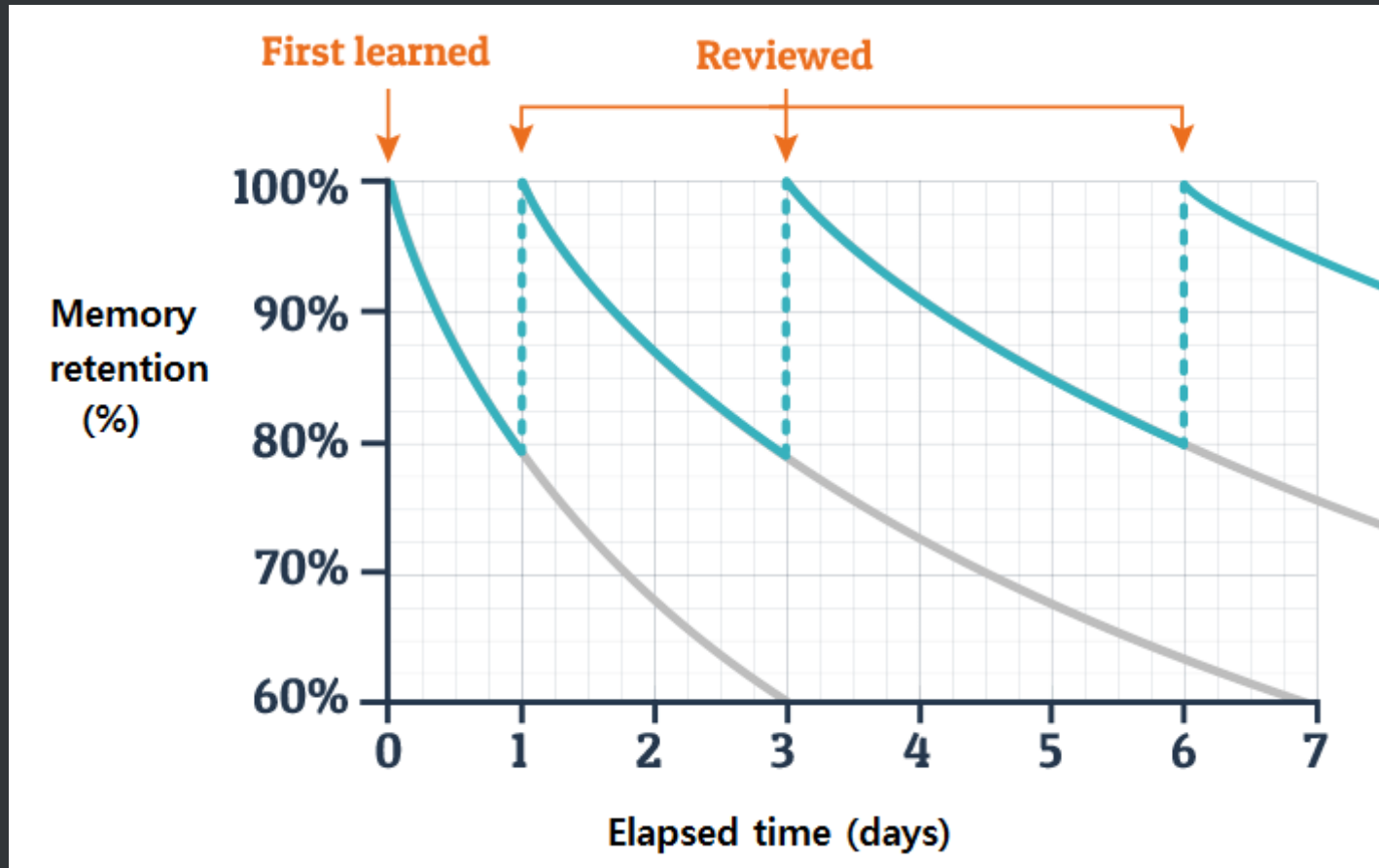## ACTIVE RECALL
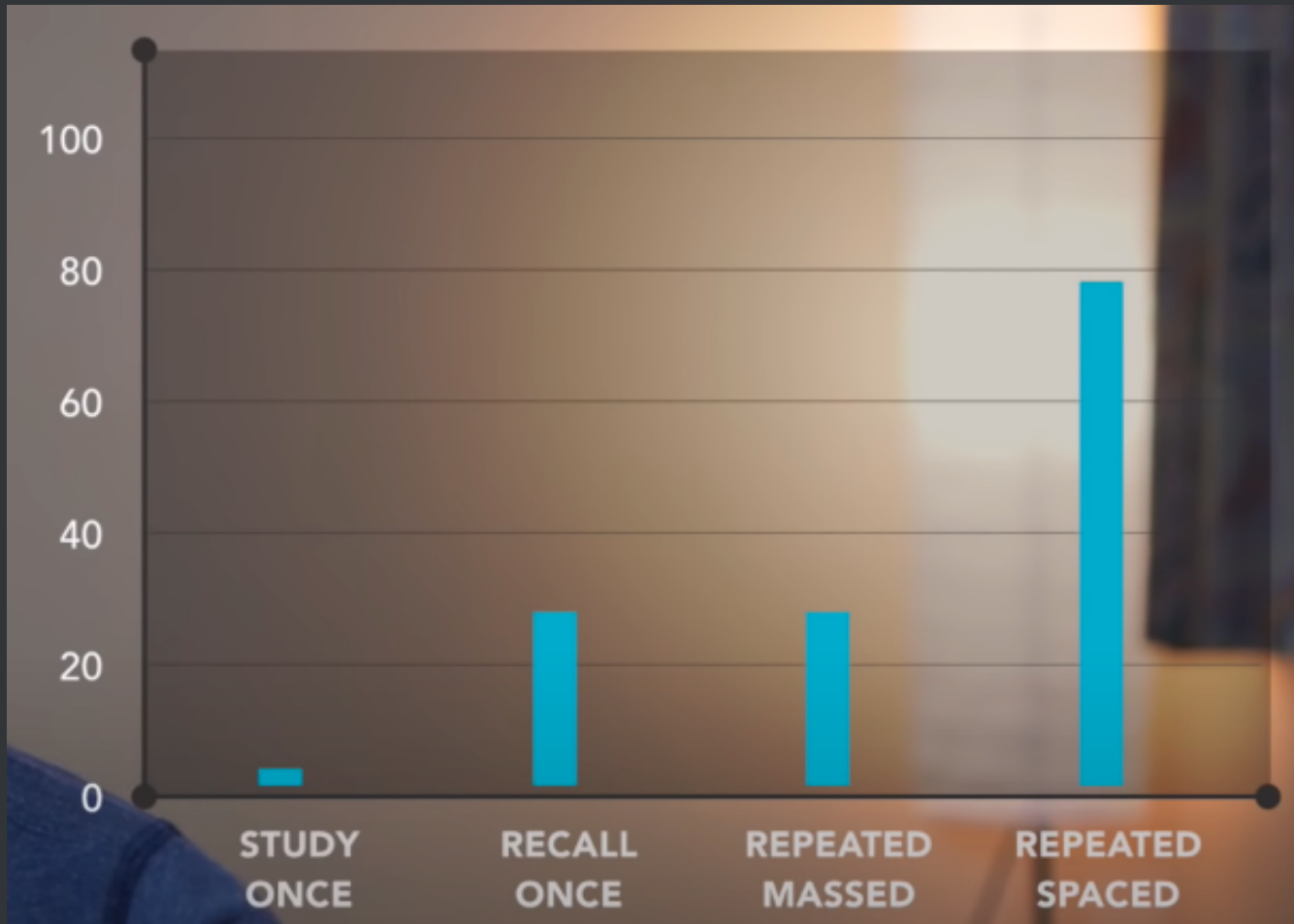## SPACED REPETITION

Active Recall

Ali Abdaal: https://youtu.be/ukLnPbIffxE

Forgetting Curve*

Ebbinghaus Forgetting Curve

Retention (%)

- 100% — Immediately
- 58% — 20 minutes
- 44% — 1 hour
- 36% — 9 hours
- 33% — 1 day
- 28% — 2 days
- 25% — 6 days
- 21% — 31 days

Elapsed Time Since Learning

Resetting Forgetting Curve

https://www.pearsoned.com/three-simple-research-based-ways-to-ace-a-test

Spaced Repetition

Ali Abdaal: https://youtu.be/Z-zNHHpXoMM

Anki

https://apps.ankiweb.net

Why Should You Make Your Own Cards?

Why should you use anki every day?

Roller Coaster

Thank You

For putting in the cognitive effort

What is the internet?

Clients

Internet

Server
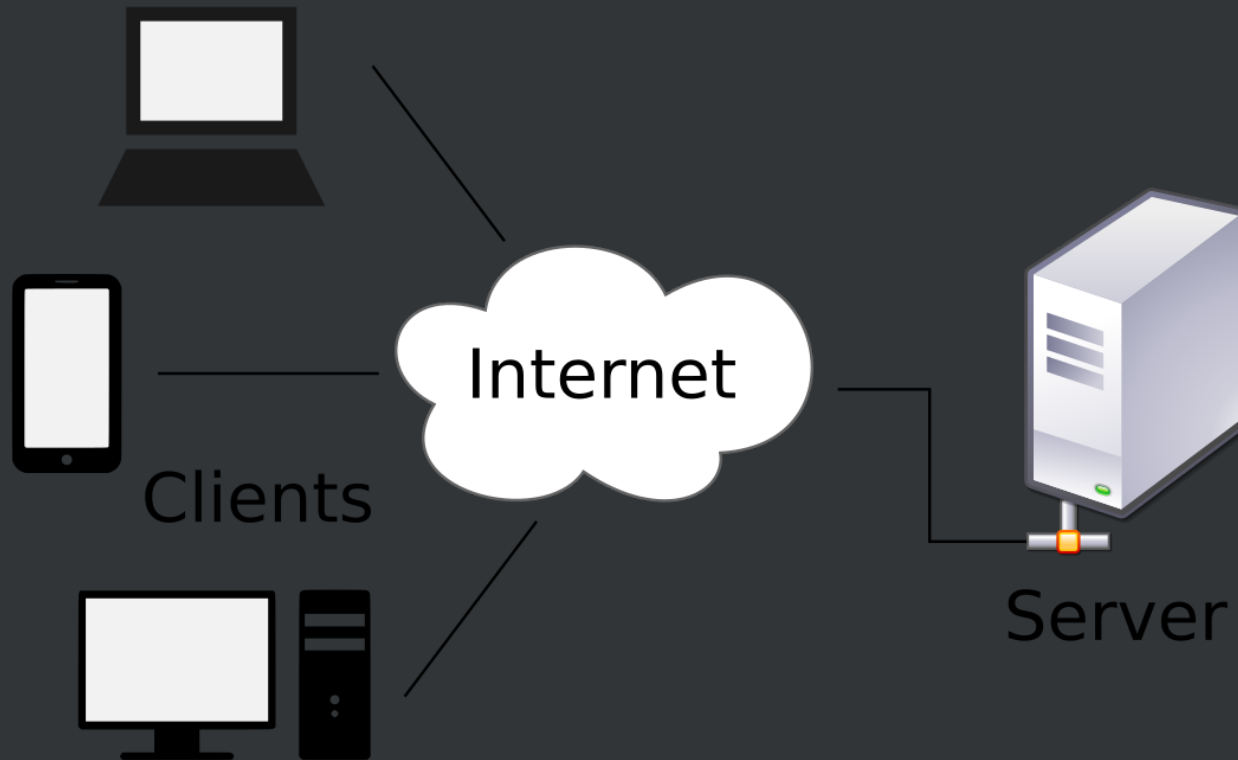
HTML5?

W3C a brief history!

HTML5

Introduced New Features

- Video
- Audio
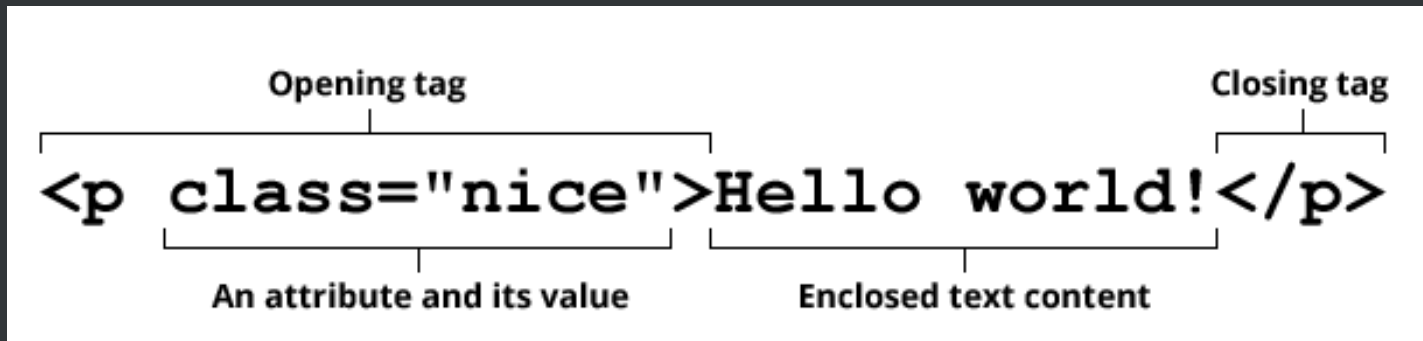- Canvas
- Geolocation
- Websockets

The Golden Rule
SEPERATION OF CONCERNS

- HTML = Content / Structure
- CSS = Style
- JS = Behavior / Interaction

HTML SYNTAX
(Spelling And Grammer Rules)

source: mdn

LET'S CODE

RC Mission Page

Time For Some TAGS

not that kind...

Heading Elements (tags)

```
<h1> MOST IMPORTANT </h1>
<h2> ................ </h2>
<h3> ................ </h3>
<h4> ................ </h4>
<h5> ................ </h5>
<h6> ................ </h6>
```

SIZE DOES NOT MATTER

Other Text Elements

```
<p> Paragraph </p>
<span> Short text </span>
<pre> Preserves Whitespace </pre>
```

Nerd Fights

```
<br>
<hr>
```

Assisted Device Elements

```
<em> Stress Emphasis </em>
<strong> Strong Importance </strong>
```

Ordered List

```
<ol>
  <li> Item 1 </li>
  <li> Item 2 </li>
</ol>
```

Unordered List

```
<ul>
  <li> Item 1 </li>
  <li> Item 2 </li>
</ul>
```

Containing Elements

```
<div> </div>
<section> </section>
<article> </article>
<aside> </aside>
<header> </header>
<footer> </footer>
```
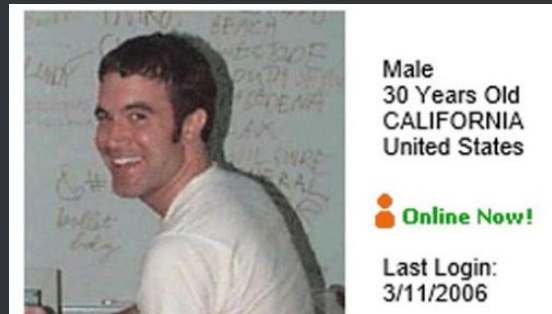
Let's Look At Some

Websites

Deprecated Elements

```
<blink>
<marquee>

Kinda...
<b> Bold Text </b>
<i> Italic Text </i>
```

Basically,

Male
30 Years Old
CALIFORNIA
United States

Online Now!

Last Login:
3/11/2006

HTML Structure

```html
<!DOCTYPE html>
<html>
  <head>
    <!-- Stuff the browser needs -->
  </head>
  <body>
    <!-- Everything the user sees -->
    <h1>Hello, REMO!</h1>
  </body>
</html>
```

Let's Code

Lab Time

Homework

Watch: https://youtu.be/ukLnPbIffxE
Watch: https://youtu.be/Z-zNHHpXoMM
Complete: https://www.coursera.org/learn/learning-how-to-learn

DON'T PAY AND NO ESSAYS