

# HTML BASICS FOR DATA WARRIORS

**HTML**



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# The web

CONTENT

HTML



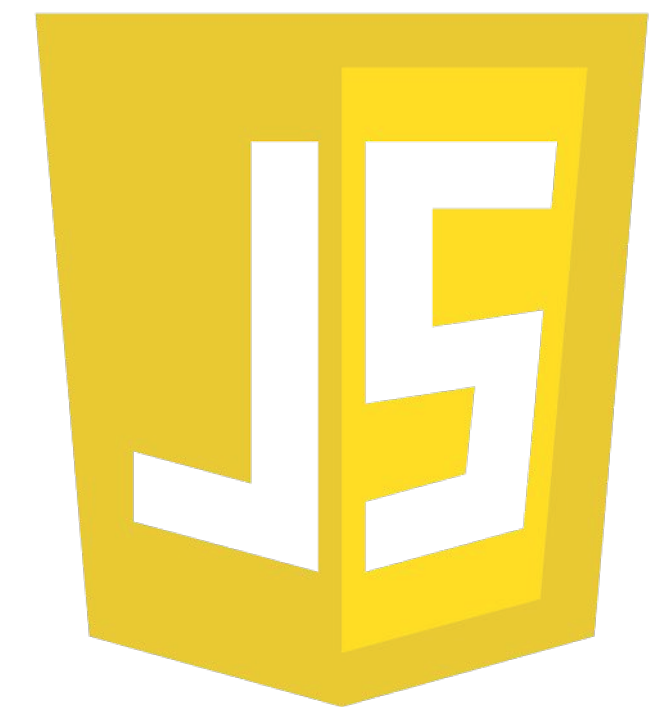
STYLE

CSS



LOGIC

JS



## HTML features



- HTML: Hypertext Markup Language
- 5th revision: semantic!
- Not a programming language
- Used by web pages and applications
- Understood by browsers
- `<tagged>` contents with attributes
- Hierarchical structures: parents, childs, siblings

## Metadata content

`<link>` `<meta>` `<noscript>` `<script>`  
`<style>` `<title>`

# Sectioning content

**<article>** **<aside>** **<nav>** **<section>** **<main>**  
**<header>** **<footer>**

## Types of contents

# Heading content

**<h1> <h2> <h3> <h4> <h5> <h6> <hgroup>**

# Phrasing content

<abbr> <audio> **<b>** <bdo> <br> <button> <canvas> <cite>  
<code> <command> <data> <datalist> <dfn> <em> <embed> <i>  
<iframe> **<img>** <input> <kbd> <keygen> <label> <mark> <math>  
<meter> <noscript> <object> <output> <picture> <progress>  
<q> <ruby> <samp> <script> <select> <small> <span> <strong>  
**<sub>** **<sup>** <svg> <textarea> <time> <var> <video> <wbr>

## Types of contents

### Embedded content

**<audio>** **<canvas>** **<embed>** **<iframe>** **<img>** **<math>** **<object>**  
**<picture>** **<svg>** **<video>**



## Types of contents

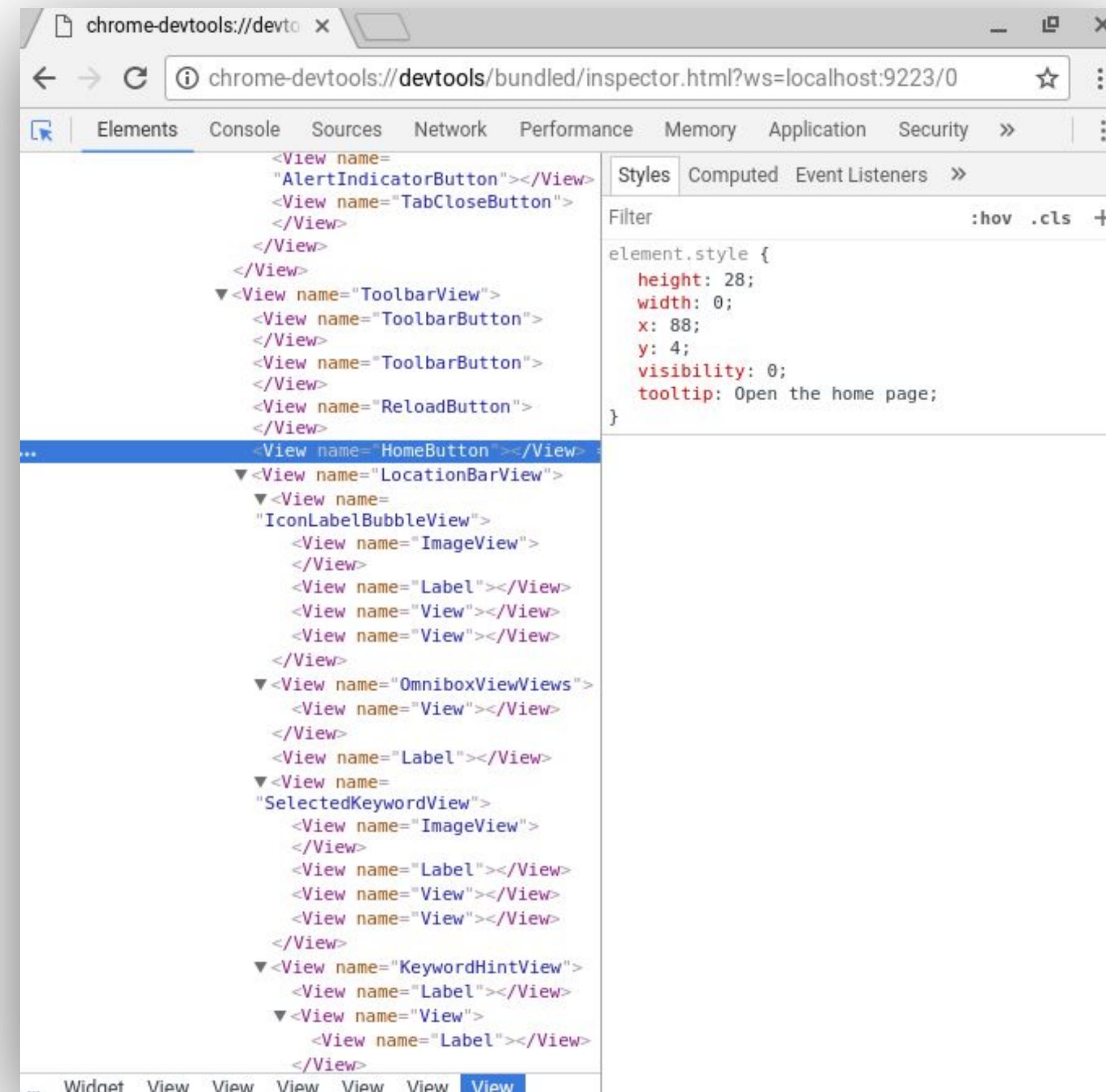
### Tabulated content

```
<table> <thead> <tbody>  
  <tr> <td> <th>
```

Let's code yay!

**PRACTICE: basic website live coding**

# Chrome dev tools



# Selecting techniques

## Basic

**Tag selecting**  
**Class selecting**  
**ID selecting**

## Advanced

**Descendants**  
**Direct descendants**  
**Combined**  
**Siblings**  
**Has attribute**  
**Attribute value**

# JS / BS equivalence

## JS

```
document.querySelectorAll("p")
```

```
document.querySelectorAll("p a")
```

```
document.querySelectorAll("p > a")
```

```
document.querySelectorAll("p > a:nth-of-type(2)")
```

## BS

```
soup.select("p")
```

```
soup.select("p a")
```

```
soup.select("p > a")
```

```
soup.select("p > a:nth-of-type(2)")
```

Let's code yay!

**PRACTICE: selecting party waw!**

Ask me!



**Questions? GO!**





THANK YOU!