



Week 1

# Overview

1. Presentation (HTML/CSS)
2. Interaction (Scripts/Databases)
3. Hosting

# Objective

A website to call your own.

# File Types

Let your computer know what to do with a particular file



# File Types

Many different formats



# File Types

Some are application specific



# File Types

The language(s) of the web

**HTML**



**JS**



**CSS**



# HelloWorld.html



HyperText Markup Language

Structures a web document



# Cascading Style Sheets

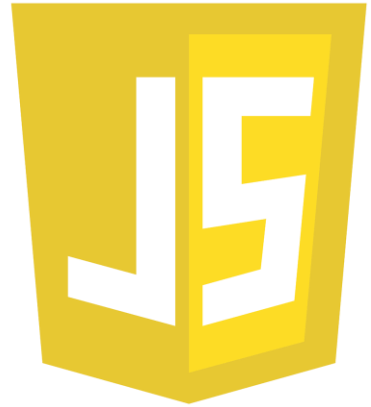
Gives style to the structure



JS

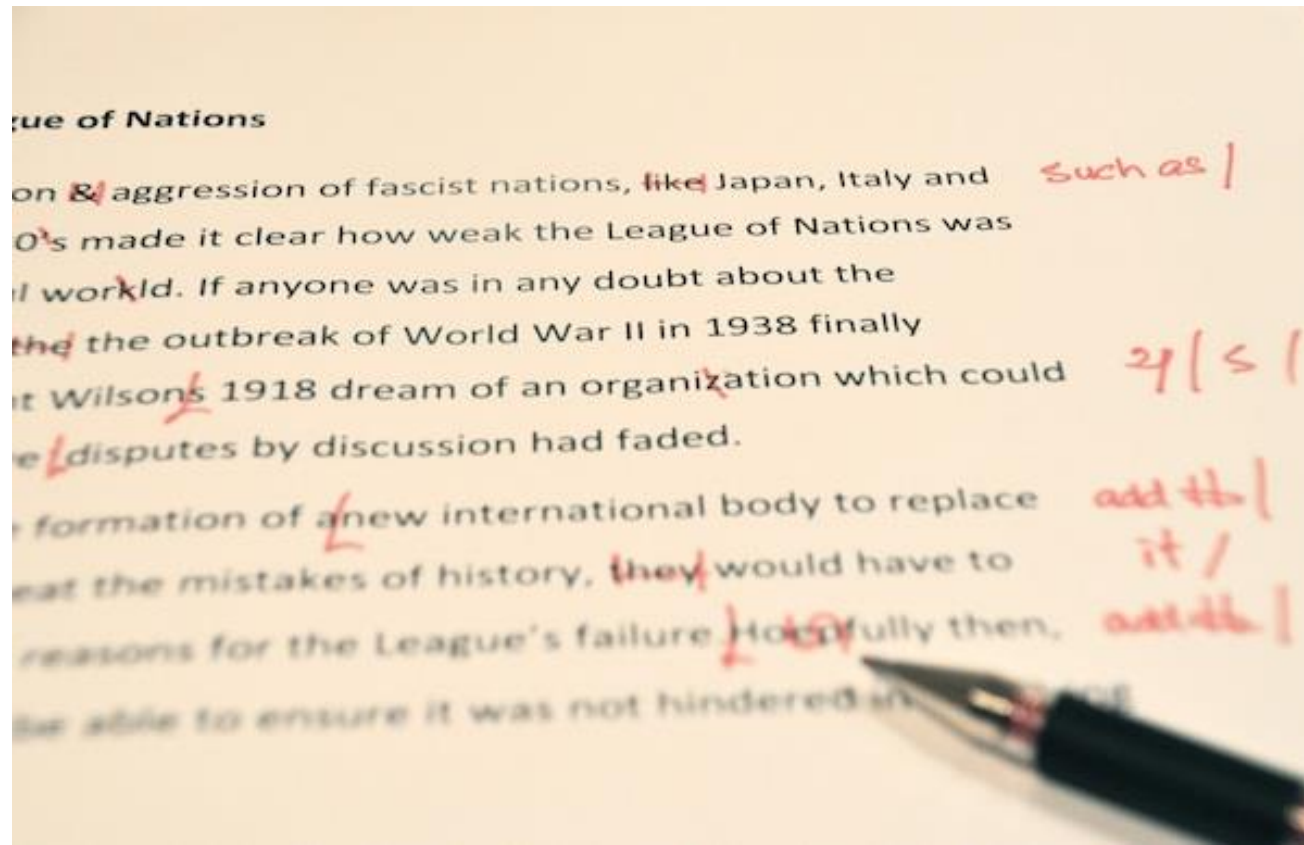
Javascript

Versatile programming language



# Markup

Symbols that provide meaning or context for a piece of text/information



## Markup

**“Chrome wasn’t  
built in a day”**

# HTML

- Hypertext → “linkable” text [Click Me](#)
- Markup → gives meaning to the text
- Language → Well defined/standardised

# Tags

Opening Tag → `<tagName>`

Closing Tag → `</tagName>`

Example → `<html>`  
Hello World  
`</html>`

# Headings

`<h1>H1: Made with Sublime Text.</h1>`  
`<h2>H2: Heading 2.</h2>`  
`<h3>H3: There are 6 levels of headings.</h3>`  
`<h4>H4: This page also contains lists,</h4>`  
`<h5>H5: Pargraphs,</h5>`  
`<h6>H6: and links (anchors).</h6>`

**H1: Made with Sublime Text.**

**H2: Heading 2.**

**H3: There are 6 levels of headings.**

**H4: This page also contains lists,**

**H5: Pargraphs,**

**H6: and links (anchors).**



# Text

`<p>`

This is a paragraph of text.

`</p>`

`<b>`

This text is bold

`</b>`

`<i>`

This text is in italics

`</i>`

`<strong>`

This text is bold and important

`</strong>`

`<em>`

This text is in italics and important

`</em>`



This is a paragraph of text.

**This text is bold**

*This text is in italics*

**This text is bold and important**

*This text is in italics and important*

# More Text

Highlight Text → `<mark> Test </mark>`

Delete (strikethrough) → `<del> Test </del>`

Insert (underline) → `<ins> Test </ins>`

Subscript → `<sub> Test </sub>`

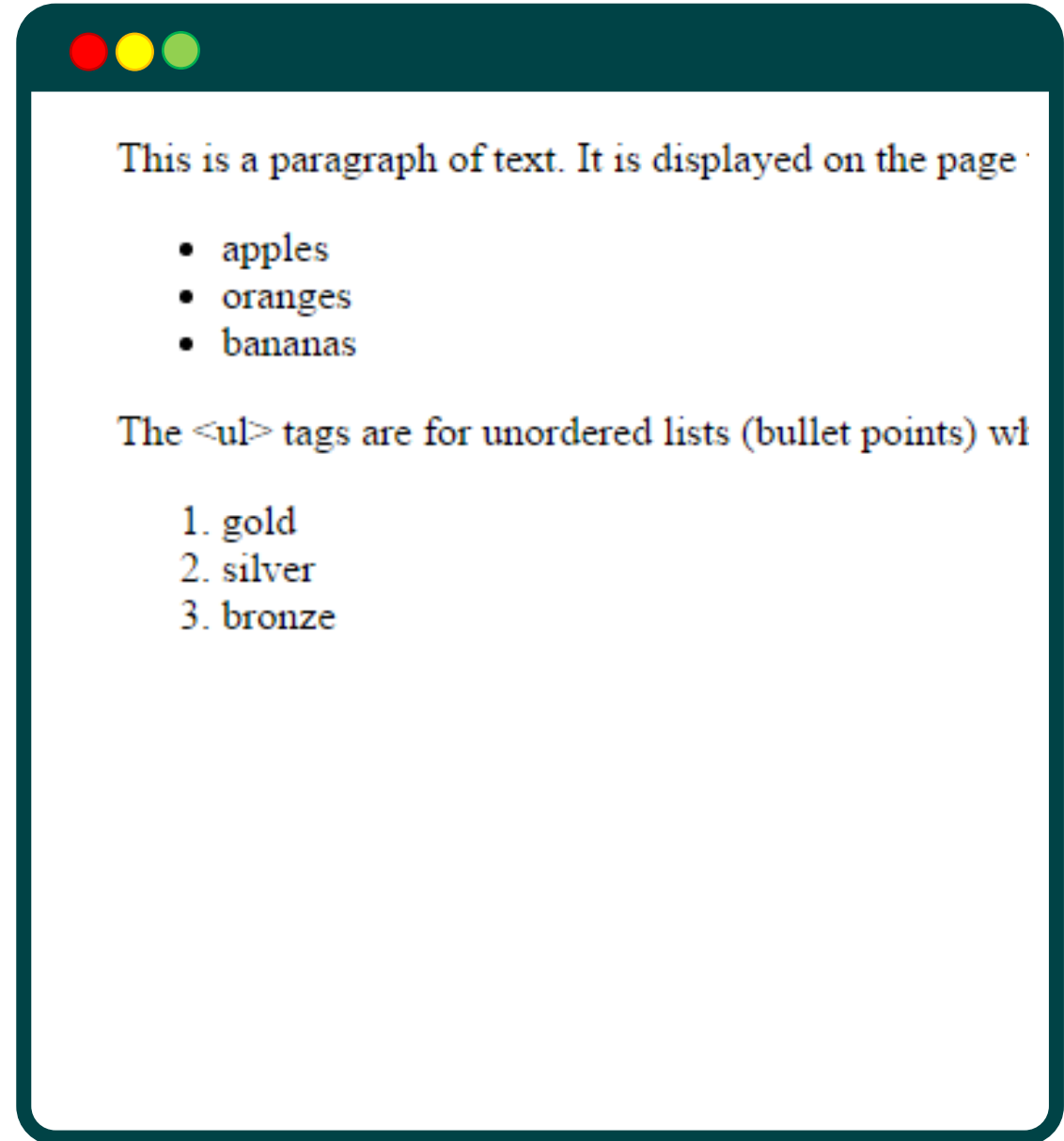
Superscript → `<sup> Test </sup>`

# Lists

```
<ul>
  <li>apples </li>
  <li>oranges </li>
  <li>bananas</li>
</ul>
```

```
<p>
The &lt;ul&gt; tags are for
unordered lists (bullet points)
while the &lt;ol&gt; tags create
an ordered (numbered) list.
</p>
```

```
<ol>
  <li>gold</li>
  <li>silver</li>
  <li>bronze</li>
</ol>
```

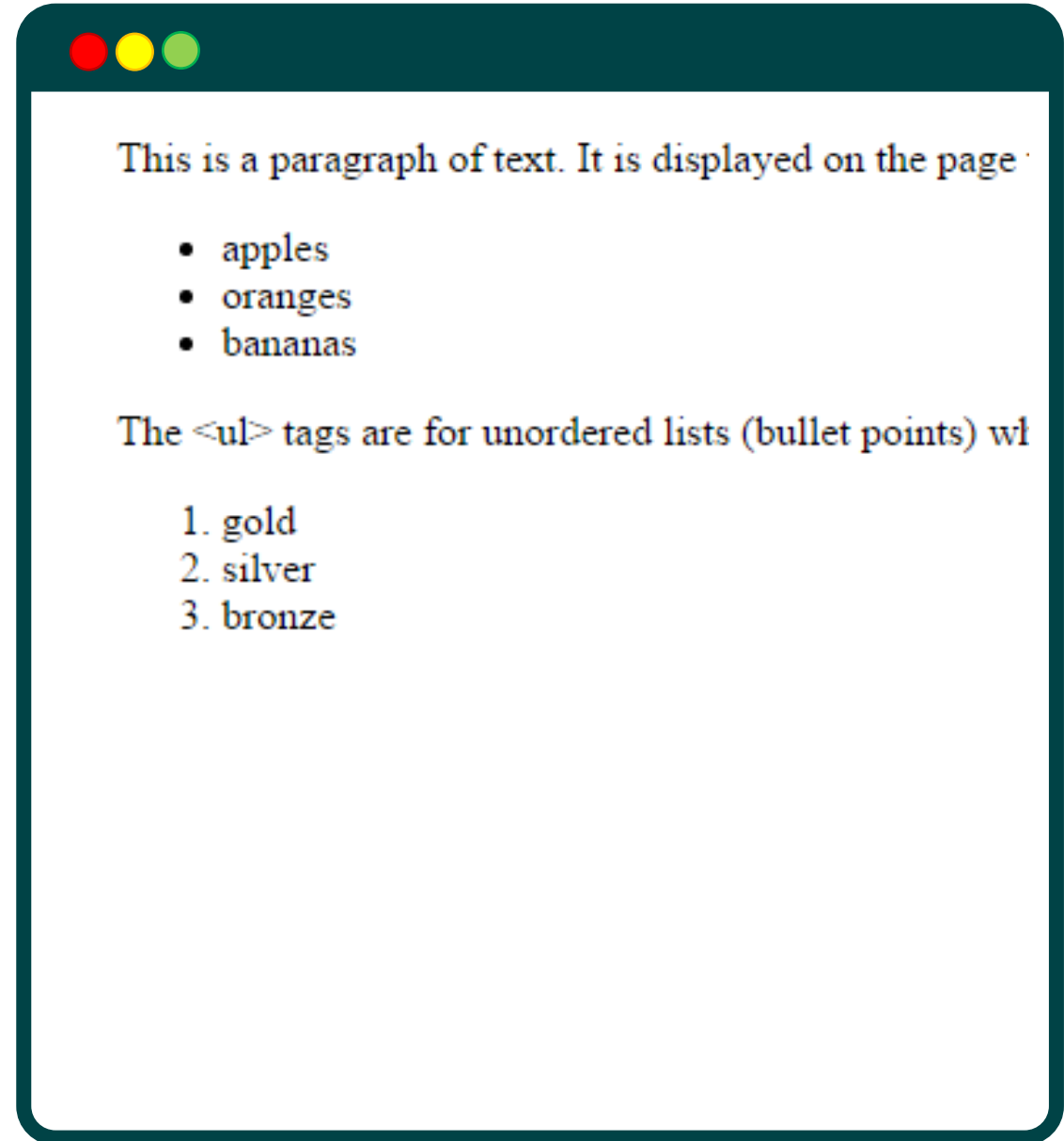


# Lists

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<ol>
  <li>gold</li>
  <li>silver</li>
  <li>bronze</li>
</ol>
```



# More Tags

anchors → `<a href="http://google.com"> Link </a>`

Images → ``

Divisions → `<div> Test </div>`

Spans → `<span> Test </span>`