The Undead Institute

Unique web development books for your learning enjoyment

The most used/useful ~~Zombie Weapons~~ HTML Tags

How Tags Work: <opening-tag attribute="value">Content</closing-tag> <void-tag attribute="value">

Example: Taking Zombies down! <img src="https://undead.institute/zombie.jpg">

Page Structure

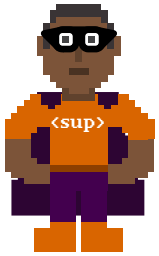
```
<html>
  <head>Info about the page</head>
  <body>Everything visible on the page</body>
</html>
```

Elements for the Head

```
<title>Title for top of browser window/tab</title>
<link href="zombie.css">
<meta name="what is it" description="content">
<script src="link/to/file">or Javascript code</script>
<style>CSS Code</style>
```

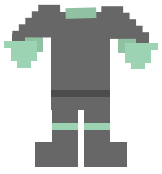
(script & style can also go in the body)

Text Modifiers




```
<b>bold</b> or <strong>also bold</strong>
<i>italics</i> or <em>also italics</em>
<a href="url/or/filepath">hyperlink text</a>
<sub>subscript</sub>
<sup>superscript</sup>
<dfn>Definition</dfn>
<abbr title="Non-Abbreviated Version">abbreviation</abbr>
<time datetime="machine readable time">Date or time</time>
<span>general inline element</span>
```

Headings & Paragraphs



```
<h1>Site Heading</h1>
<h2>Page Heading</h2>
<h3>Content Heading</h3>
<h4>Content Heading 2</h4>
<h5>You might have content problems</h5>
<h6>You got content problems</h6>
<p>paragraph text</p>
<br> puts text on next line
<hr> prints horizontal line
```

Quotes

```
<q cite="URL of original or more context">an inline quote</q>
<blockquote cite="URL of original or more context">
  quotation set off from main text</blockquote>
<cite>citation</cite>
```

Lists

```
<ul>unordered list
  <li>list item</li>
  <li>another list item</li>
</ul>
<ol>ordered list
  <li>list item</li>
  <li>another list item</li>
</ol>
<dl>description list
  <dt>First term</dt>
  <dd>description of first term</dd>
  <dt>Second term</dt>
  <dd>description of 2nd term</dd>
</dl>
```

Container Blocks

```
<header>Header of the page</header>
<nav>Page navigation</nav>
<main>Main Content</main>
<aside>related content</aside>
<div>general block element</div>
<section>a section of something larger</section>
<article>content that can stand on its own</article>
<footer>info about the piece of content</footer>
```

HTML Symbols

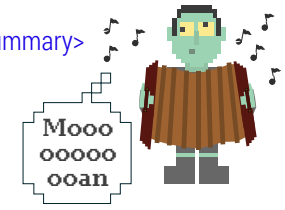
Less than: <
Greater than: >
Ampersand: &
Non-breaking space (keeps two words on the same line) :
Dumb double quotes: "
Smart single quote left: ‘
Smart single quote right: ’
Smart double quote left: “
Smart double quote right: ”
Copyright: ©
Hyphen: -
En dash: –
Em dash: —

HTML

More HTML tag details at https://undead.institute/zombie-reference

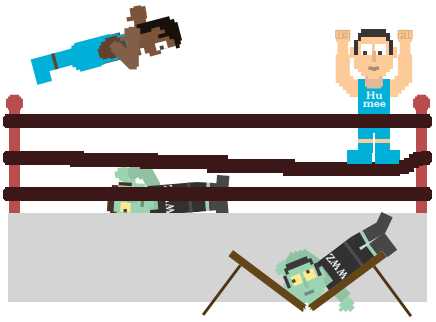
Accordion Menu

```
<details>
    <summary>Accordion Title</summary>
    Details of the accordion menu
</details>
```



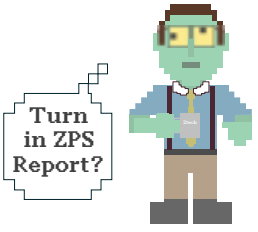
Table

```
<table>
  <caption>Table Caption</caption>
 <thead>
  <tr>
    <th>Table Heading - Column 1 - Row 1</th>
    <th>Table Heading - Column 2 - Row 1</th>
  </tr>
 </thead>
 <tbody>
  <tr>
    <th>Table Cell - Column 1 - Row 2</th>
    <td>Table Cell - Column 2 - Row 2</td>
  </tr>
 </tbody>
 <tfoot>
  <tr>
    <th>Table Cell - Column 1 - Row 3</th>
    <td>Table Cell - Column 2 - Row 3</td>
  </tr>
 </tfoot>
</table>
```



Media

```
<picture>
    <source srcset="path/to/image" media="media query for img">
    <img src="path/to/fallback/image.jpg" alt="image description">
</picture>
<img src="image/file/path.jpg" alt="description of image">
<audio controls>
    <source src="audio.ogg">
    <source src="audio.mp3">
    Fallback if browser can't play audio file
</audio>
<video controls>
    <source src="video.ogv">
    <source src="video.mp4">
    Fallback if browser can't
    play the video files
</video>
```

Forms

```
<form action="script/url/to/process/form" method="post or get">
    <input type="text"> accepts text
    <input type="url"> accepts a url
    <input type="email"> accepts an email address
    <input type="tel"> accepts telephone number
    <input type="number"> accepts numbers
    <input type="range"> prints a slider
    <input type="date"> accepts a date
    <input type="password"> prints asterisks when typing (not secure)
    <input type="radio"> shows radio button
    <input type="checkbox"> shows checkbox
    <input type="file"> accepts files
    <input type="hidden"> hidden from user view
    <input type="reset"> resets form
    <input type="submit"> submits form
    <button type="button">Generic button</button>
    <button type="reset">Resets form</button>
    <button type="submit">Submits form</button>
    <meter min="low point" value="current point" max="high point">
        </meter>
    <progress value="amount complete" max="completion number">
        </progress>
    <select multiple> Use "multiple" attribute to select multiple options
        <optgroup>
            <option>Drop down option 1</option>
            <option>Option 2 for drop down</option>
        </optgroup>
        <option>Drop down #3</option>
    </select>
    <textarea>input paragraphs of text</textarea>
    <label>Labels form fields</label>
    <legend>Labels fieldsets</legend>
    <fieldset>Groups elements</fieldset>
    <input type="text" list="thedatalist">
    <datalist id="thedatalist">
      <option value="First Option">
      <option value="Second Option">
    </datalist>
</form>
```