

HTML

“HyperText Markup Language”

the basic structure of the webpage;  
home to the raw content and the  
organizational elements of a webpage

“A markup language is a computer language that uses tags to define elements within a document. It is human-readable, meaning markup files contain standard words, rather than typical programming syntax.”

```
<!DOCTYPE html>
<html>
  <head>
    <title>Page Title</title>
  </head>
  <body>
    <h1>A Heading</h1>
    <p>A paragraph!</p>
  </body>
</html>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <title>Page Title</title>
```

```
  </head>
```

```
  <body>
```

```
    <h1>A Heading</h1>
```

```
    <p>A paragraph!</p>
```

```
  </body>
```

```
</html>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <title>Page Title</title>
```

```
  </head>
```

```
  <body>
```

```
    <h1>A Heading</h1>
```

```
    <p>A paragraph!</p>
```

```
  </body>
```

```
</html>
```

```
<!DOCTYPE html>
```

```
<html>
```

meta-data

```
<head>
```

```
<title>Page Title</title>
```

```
</head>
```

```
<body>
```

```
<h1>A Heading</h1>
```

```
<p>A paragraph!</p>
```

```
</body>
```

```
</html>
```



```
<!DOCTYPE html>
<html>
  <head>
    <title>Page Title</title>
  </head>
  <body>
    <h1>A Heading</h1>
    <p>A paragraph!</p>
  </body>
</html>
```



the content

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Page Title</title>
```

```
</head>
```

```
<body>
```

```
<h1>A Heading</h1>
```

```
<p>A paragraph!</p>
```

```
</body>
```

```
</html>
```

a series of  
containers...

tag                      tag

└──┬──────────────────┬──┘

<p>some text...</p>

└──────────────────────────┘

element

# elements

<code>&lt;h1&gt;</code> , <code>&lt;h2&gt;</code> , <code>&lt;h3&gt;</code>	heading tags
<code>&lt;p&gt;</code>	paragraph tag
<code>&lt;img&gt;</code>	image tag
<code>&lt;a&gt;</code>	hyperlink
<code>&lt;ul&gt;</code>	un-ordered list
<code>&lt;ol&gt;</code>	orderer list
<code>&lt;li&gt;</code>	list item
<code>&lt;div&gt;</code>	division (general block container)
<code>&lt;span&gt;</code>	division (general in-line container)

# opening and closing

```
<p></p>
```

```
<p>content goes in between</p>
```

```
<div>
```

open

```
</div>
```

closed

no closing needed

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

or...

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

# attributes

```
<a href="https://good.com">good</a>
```



attribute



```
<div class="specific"></div>
```

```
<a href="https://good.com" class="nice">  
nice, good</a>
```

attributes

```
<p>Hello...</p>
```

Hello...



attributes

```
<p class="nice">Hello...</p>
```

*Hello...*

```
.nice {  
  font-family: giddyup;  
  font-size: 72px;  
  color: green;  
}
```

# defaults

## Chrome

```
<p>Hello...</p>  
<p>Heyo...</p>
```

Hello...

Heyo...

## Firefox

```
<p>Hello...</p>  
<p>Heyo...</p>
```

Hello...

Heyo...

\*(not the actual defaults, just a demonstration)

# block and in-line elements

## block

```
<p></p> <div></div>
```

```
<p>
```

```
<div>
```

---

## inline

```
<a></a> <img> <span></span>
```

```
<a>
```

```
<img>
```

```
<span>
```

```
<!-- this is a comment in HTML -->
```

```
<!-- this is the end -->
```