

HTML

“HyperText Markup Language”

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

HyperText Markup Language

“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.”

each individual web page is
an html document.

a website is usually a collection of
many html documents linked together

```
<!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>
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  </body>
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```
  </body>
```

```
</html>
```



```
<!DOCTYPE html>
```

```
<html>
```

meta-data

```
<head>
```

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

```
</head>
```

```
<body>
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<h1>A Heading</h1>
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<p>A paragraph!</p>
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</body>
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</html>
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<html>
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```



the content

```
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```
<html>
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</head>
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<body>
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<h1>A Heading</h1>
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</body>
```

```
</html>
```

a series of
containers...

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

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

```
</head>
```

```
<body>
```

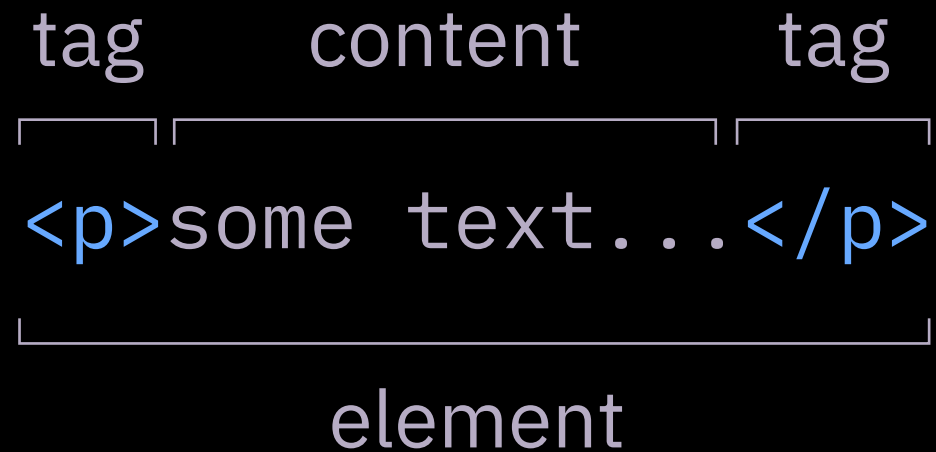
```
<h1>A Heading</h1>
```

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

```
</body>
```

```
</html>
```

element anatomy



basic elements

<h1> ... <h6>

headings

<p>

paragraph

image

<a>

hyperlink

un-ordered list

ordered list

list item

<div>

division (general block container)

division (general in-line container)

opening and closing

`<p></p>`

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

`<p>`

open

`</p>`

closed

no closing needed

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

or...

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


attributes

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



attribute



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

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

block and in-line elements

block

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

<p>

<div>

inline

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

<a>


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

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