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>
    A paragraph!
 </body>
</html>
```

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

<!DOCTYPE html>

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

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

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

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

</html>

a series of containers...

<!DOCTYPE html> <html> <head> (<title>Page Title</title>) </head> <body> <h1>A Heading</h1> A paragraph! </body>

</html>

element anatomy

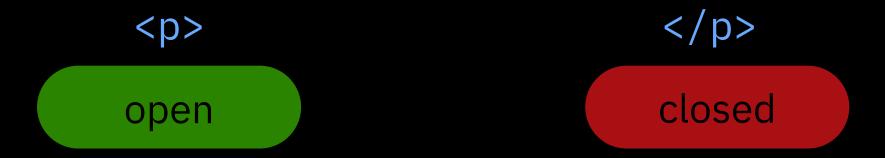
```
tag content tag
content tag
<entertile="text-...</p>
element
```

basic elements

```
<h1> ... <h6>
                         heading tags
                         paragraph tag
>
<img>
                         image tag
                         hyperlink
<a>>
                         un-ordered list
<l
<01>
                         orderer list
<
                         list item
<div>
                         division (general block container)
                         division (general in-line container)
<span>
```

opening and closing

content goes in between



no closing needed

```
<img src="friend.jpg">
<br>>
<hr>>
or...
<img src="friend.jpg" />
<br />
<hr />
```

attributes

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

attributes

Hello...

attributes

```
Hello...
```

Hello...

defaults

Chrome

Firefox

Hello...

Heyo...

Hello...

Heyo...

*(not the actual defaults, just a demonstration)

block and in-line elements

block

inline

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

<!-- this is the end -->