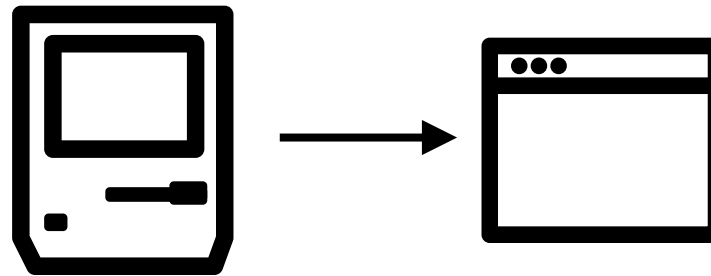


HTML/WWW

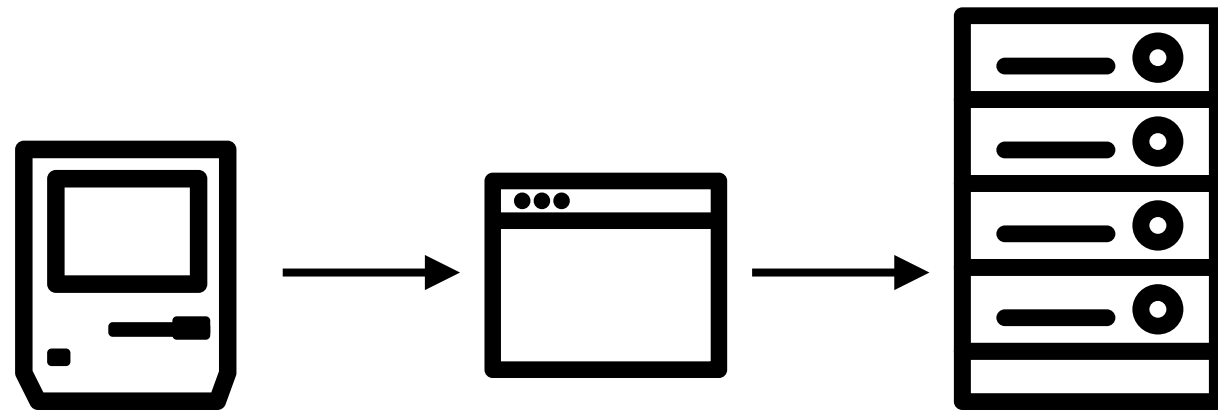
accessing webpages



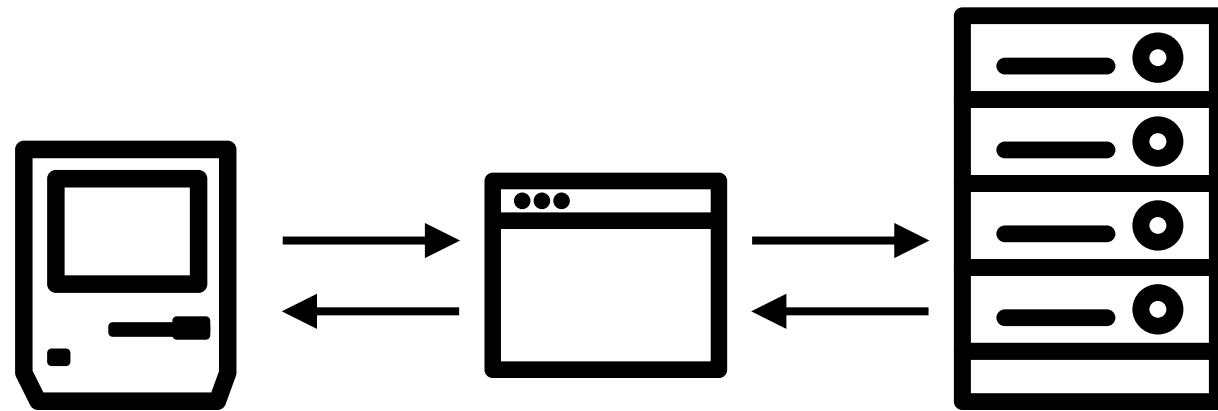
accessing webpages



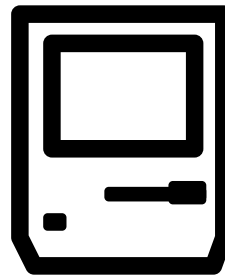
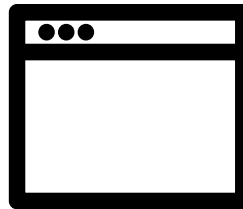
accessing webpages



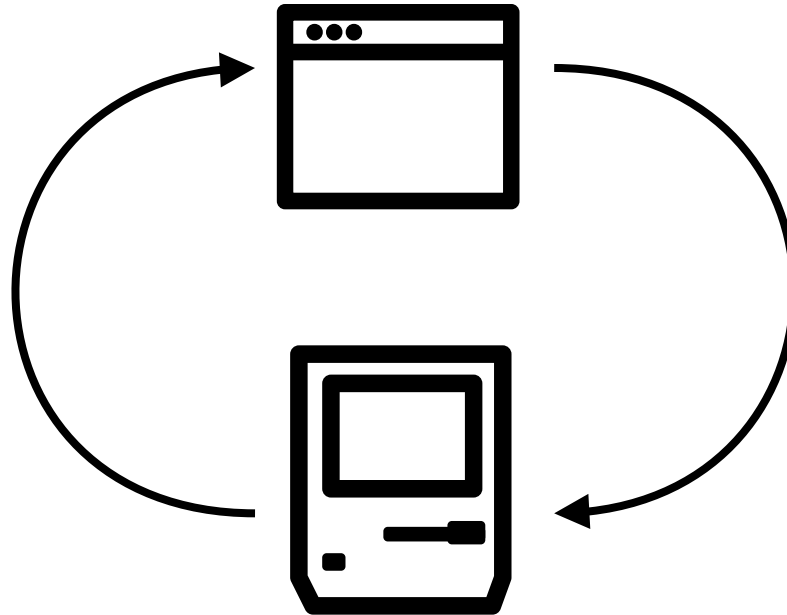
accessing webpages



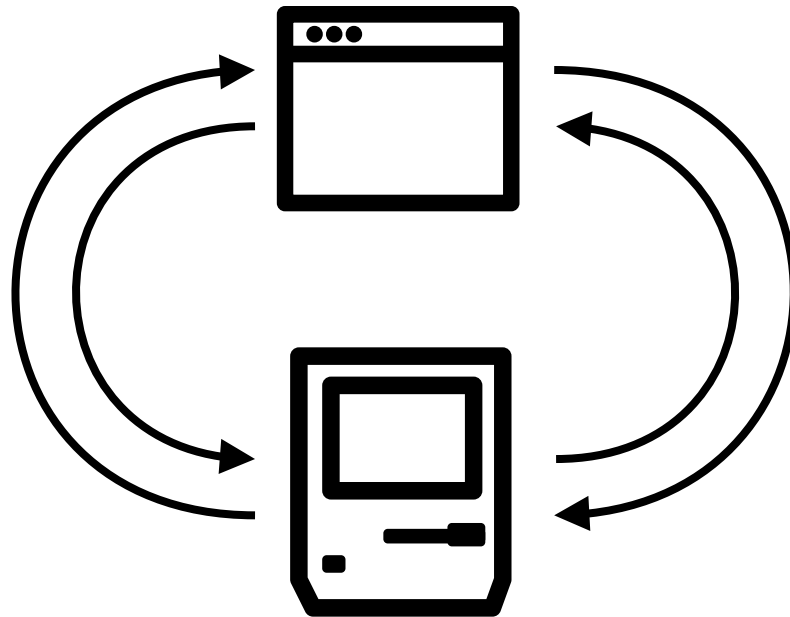
accessing webpages



accessing webpages



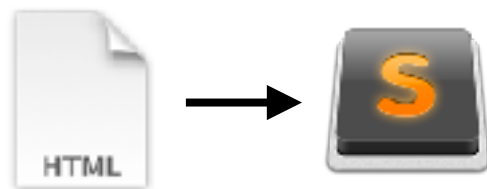
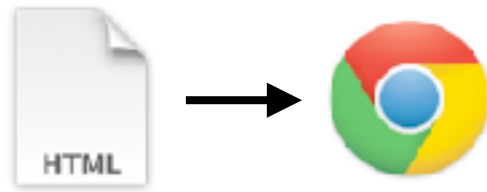
accessing webpages



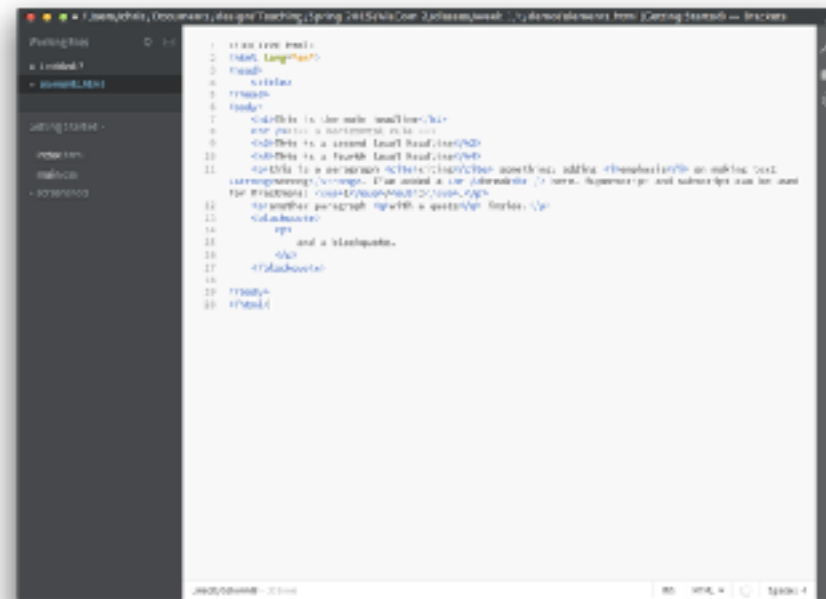
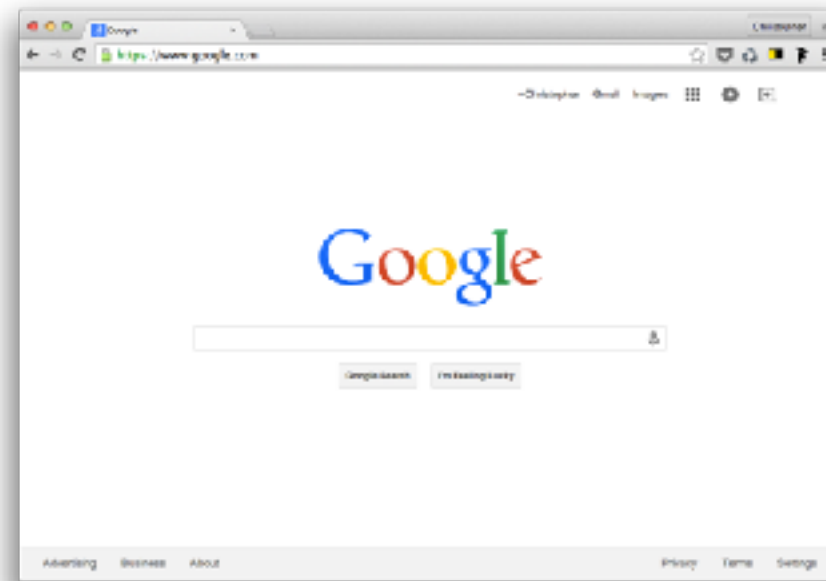
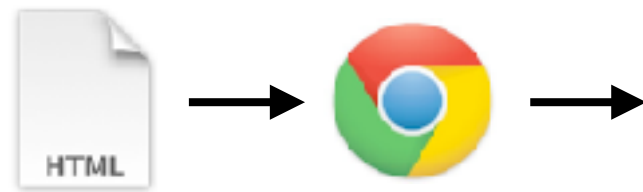
file format

• .html

file format



file format



Code Editor



Sublime

Code Editor



Atom

file format

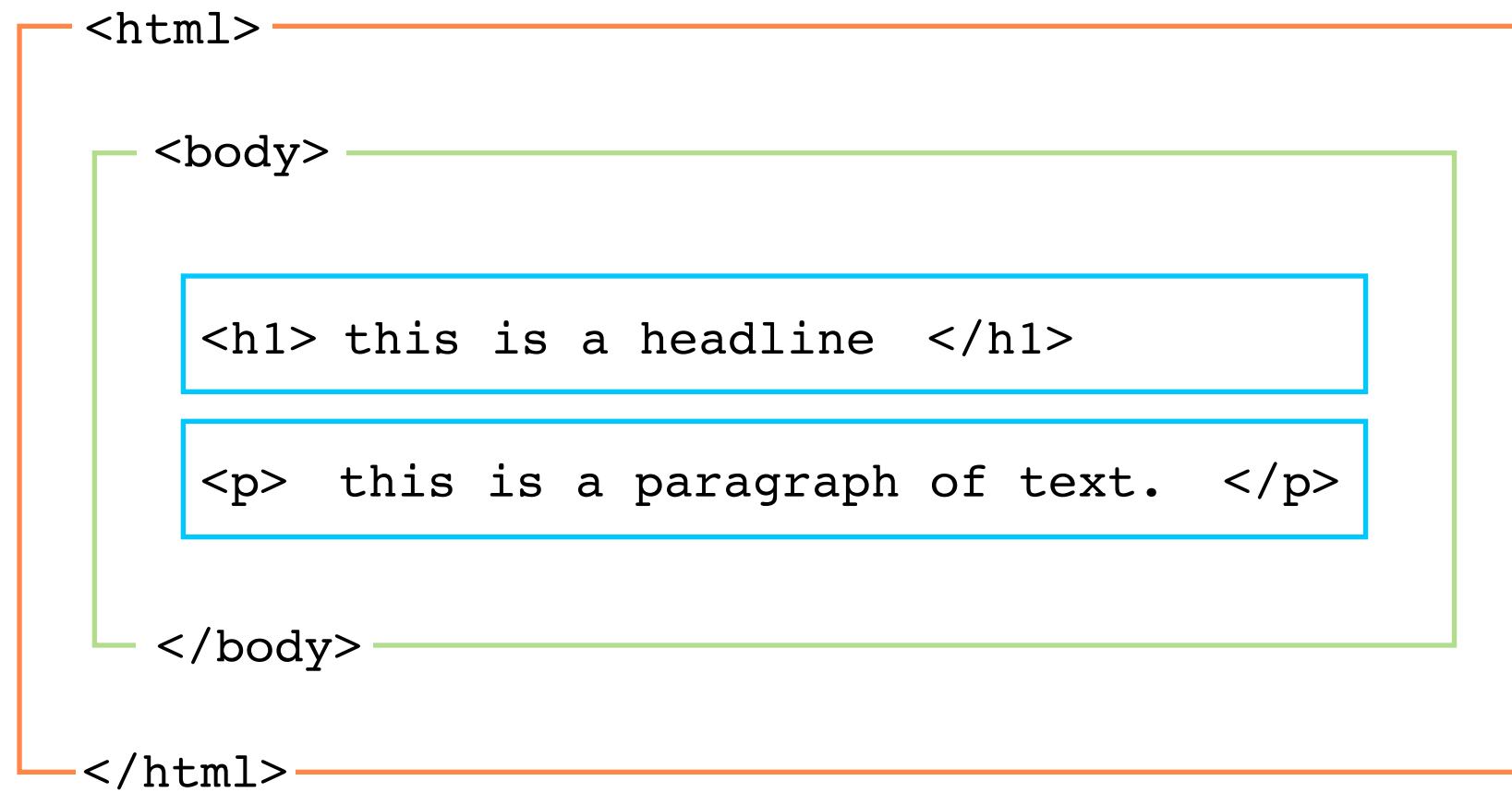
HTML = Hyper Text Markup Language

Content

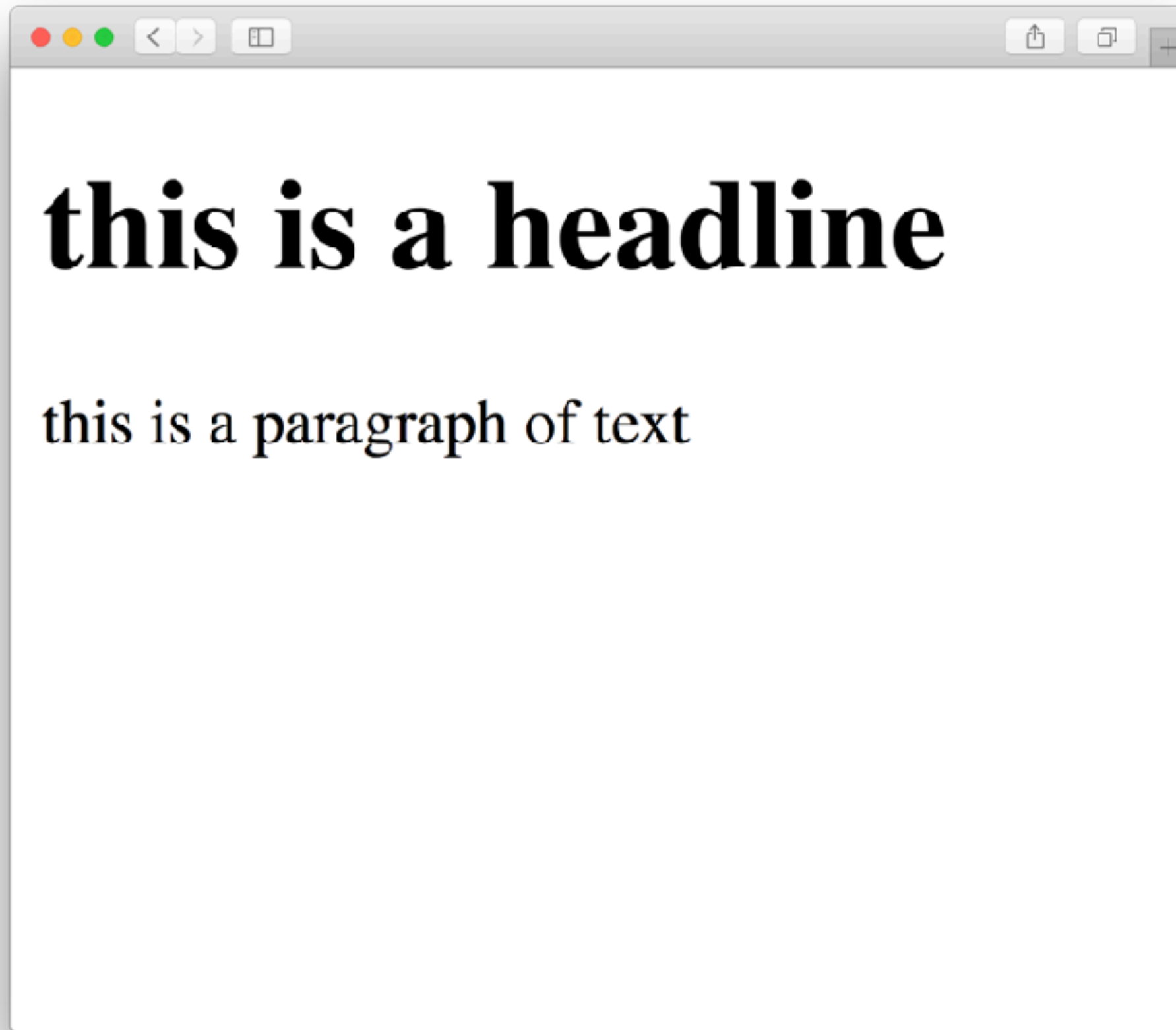
this is a headline

this is a paragraph of text.

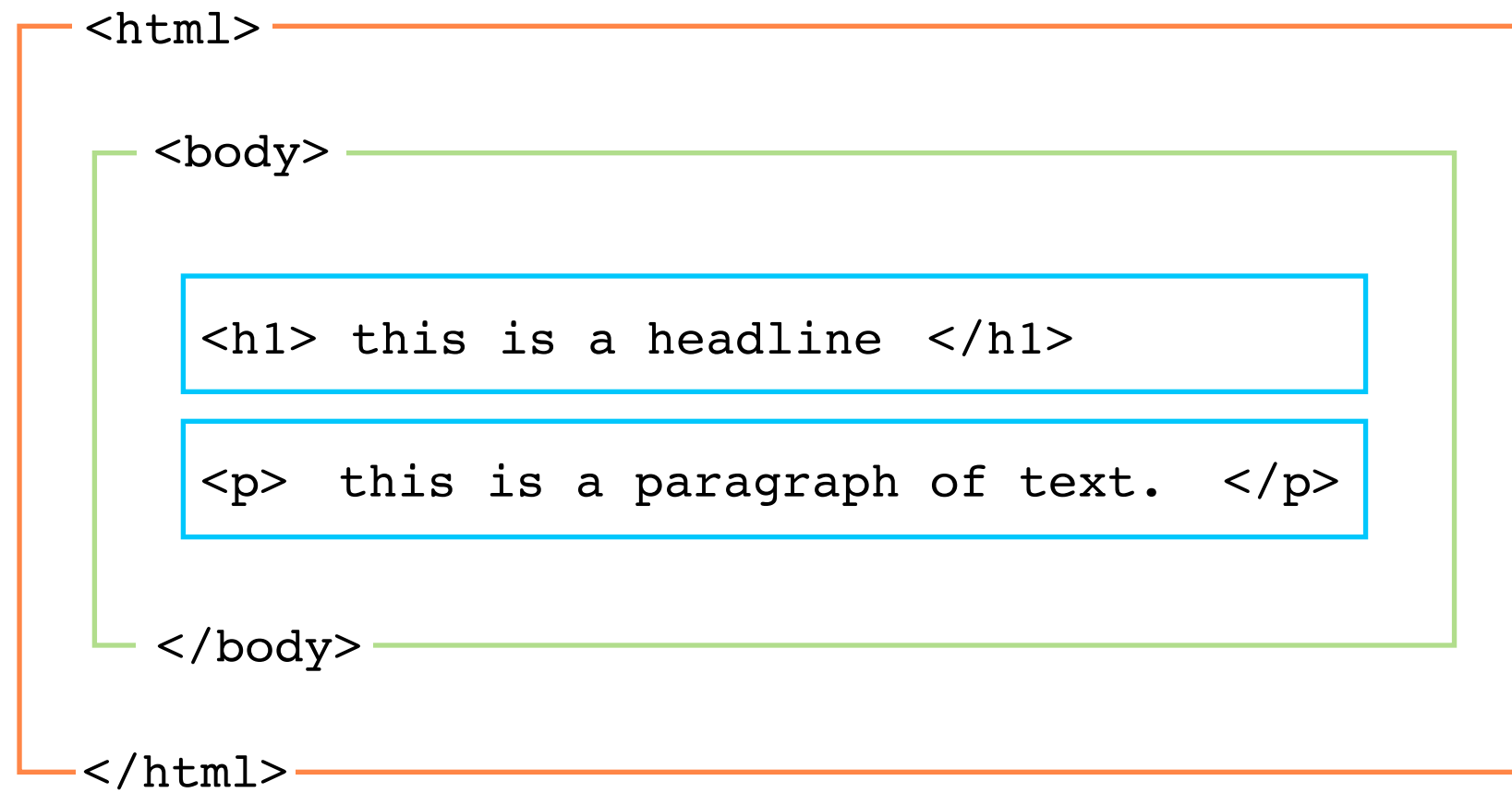
structure



Content + Markup in Browser



structure



Tags

<p>

<p>

<p>

<p>

<p>

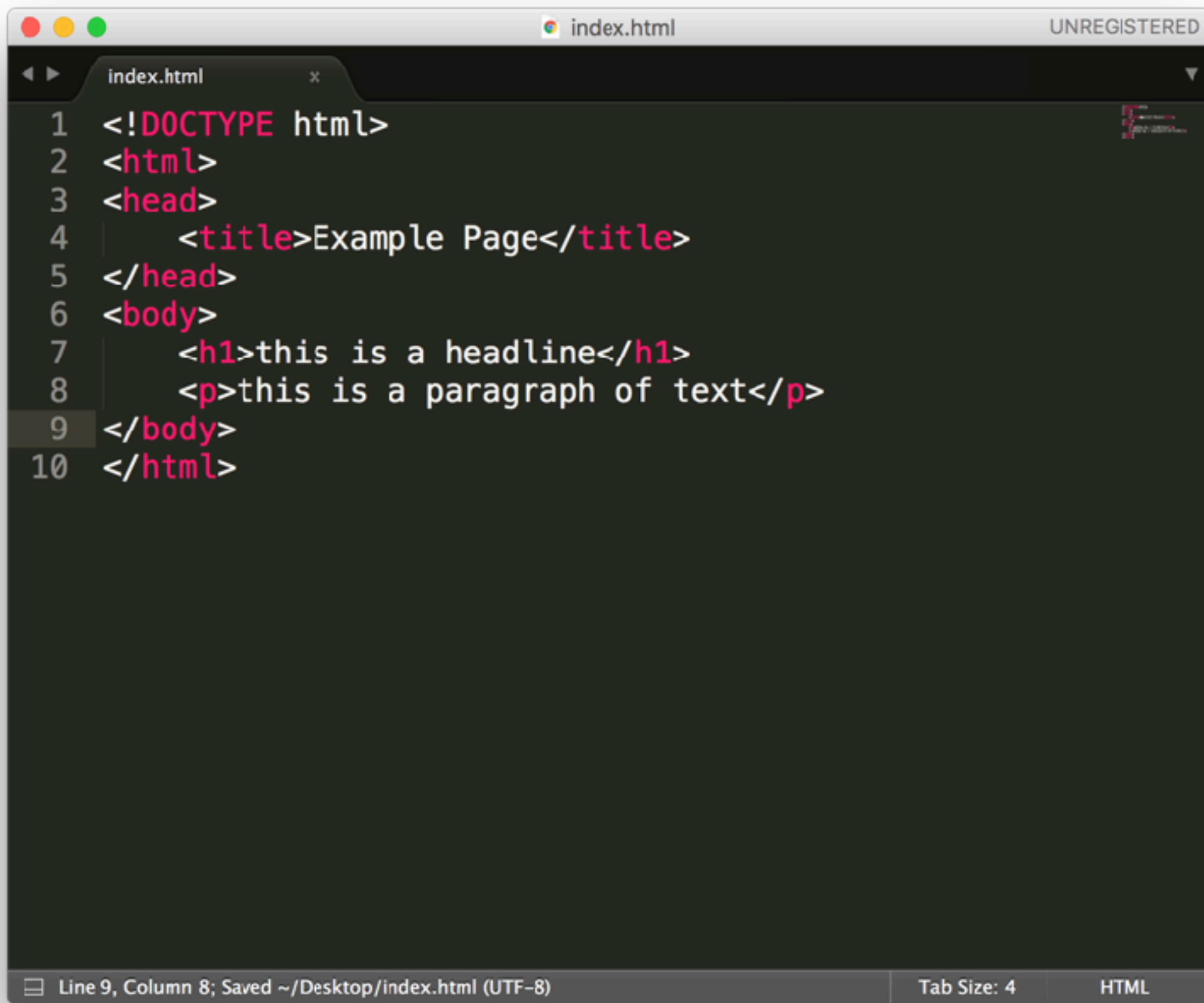
<p>

</p>

<p> </p>

<p>

</p>



```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Example Page</title>
5 </head>
6 <body>
7   <h1>this is a headline</h1>
8   <p>this is a paragraph of text</p>
9 </body>
10 </html>
```

Line 9, Column 8; Saved ~/Desktop/index.html (UTF-8) Tab Size: 4 HTML

Structure

```
<! DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>  Example Page  </title>
```

```
</head>
```

```
<body>
```

```
<h1> this is a headline </h1>
```

```
<p>  this is a paragraph of text.  </p>
```

```
</body>
```

```
</html>
```

Doctype

```
<! DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title> Example Page </title>
```

```
</head>
```

```
<body>
```

```
<h1> this is a headline </h1>
```

```
<p> this is a paragraph of text. </p>
```

```
</body>
```

```
</html>
```

html root

```
<! DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title> Example Page </title>
```

```
</head>
```

```
<body>
```

```
<h1> this is a headline </h1>
```

```
<p> this is a paragraph of text. </p>
```

```
</body>
```

```
</html>
```

head and body

```
<! DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <title>  Example Page  </title>
```

```
  </head>
```

```
  <body>
```

```
    <h1> this is a headline </h1>
```

```
    <p>  this is a paragraph of text.  </p>
```

```
  </body>
```

```
</html>
```

html meta info

```
<! DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>  Example Page  </title>
```

```
</head>
```

```
<body>
```

```
<h1> this is a headline </h1>
```

```
<p>  this is a paragraph of text.  </p>
```

```
</body>
```

```
</html>
```


html content

```
<! DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <title>  Example Page  </title>
```

```
  </head>
```

```
  <body>
```

```
    <h1> this is a headline </h1>
```

```
    <p>  this is a paragraph of text.  </p>
```

```
  </body>
```

```
</html>
```

Semantic and Presentational Markup

semantic markup

```
<h1>headline 1</h1>  
<h2>headline 2</h2>
```

semantic markup

```
<h1>headline 1</h1>
```

```
<h2>headline 2</h2>
```

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

semantic markup

```
<h1>headline 1</h1>
```

```
<h2>headline 2</h2>
```

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

```
<sup>superscript</sup>
```

```
<sub>subscript</sub>
```

```
<br />
```

```
<hr />
```

semantic markup

```
<h1>headline 1</h1>
```

```
<h2>headline 2</h2>
```

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

```
<sup>superscript</sup>
```

```
<sub>subscript</sub>
```

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

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

presentational markup

`emphasis`

`strong`

presentational markup

`emphasis`

`strong`

`<blockquote>block quote</blockquote>`

`<q>quote</q>`

presentational markup

`emphasis`

`strong`

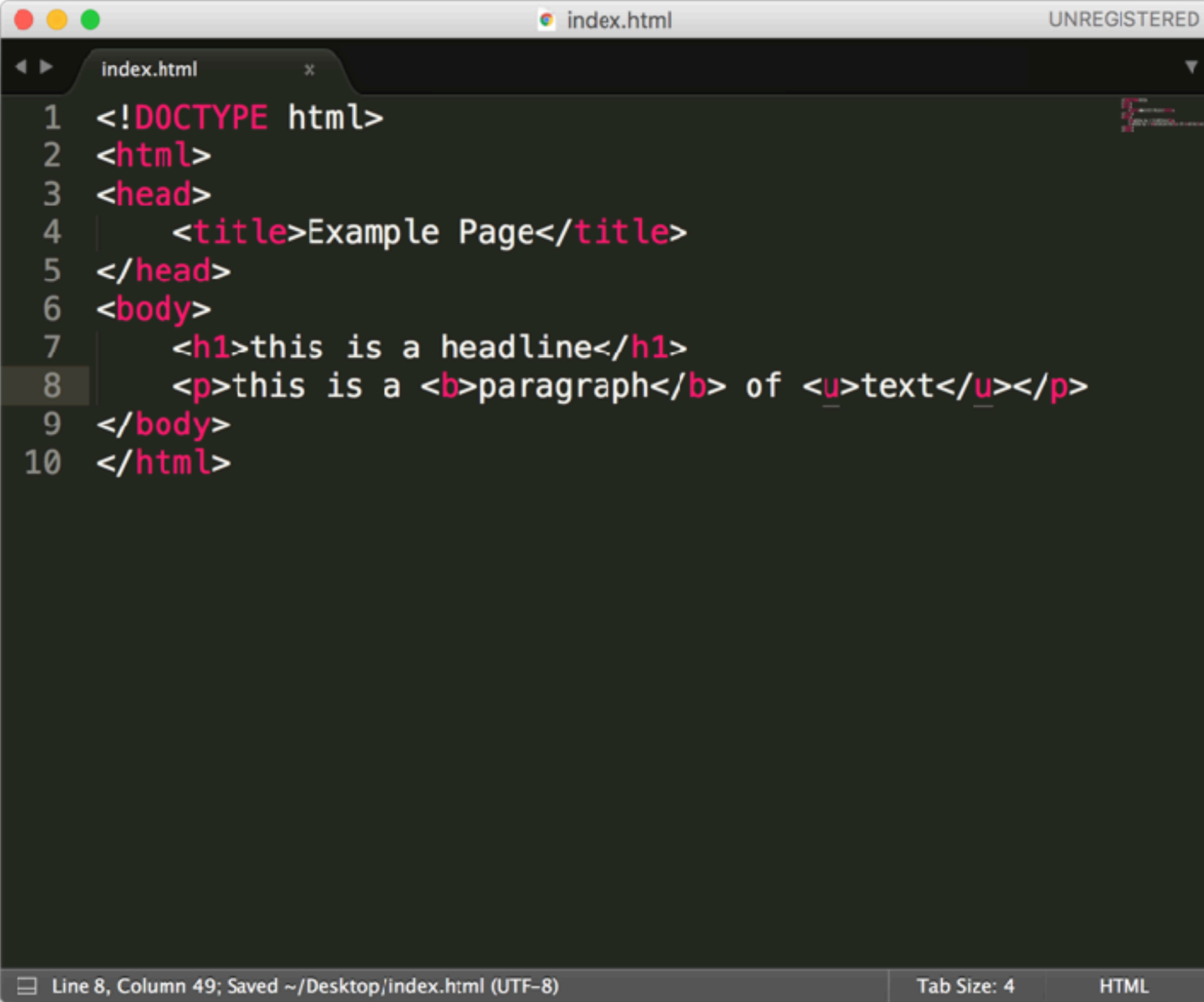
`<blockquote>block quote</blockquote>`

`<q>quote</q>`

`<ins>inserted text</ins>`

`deleted text`

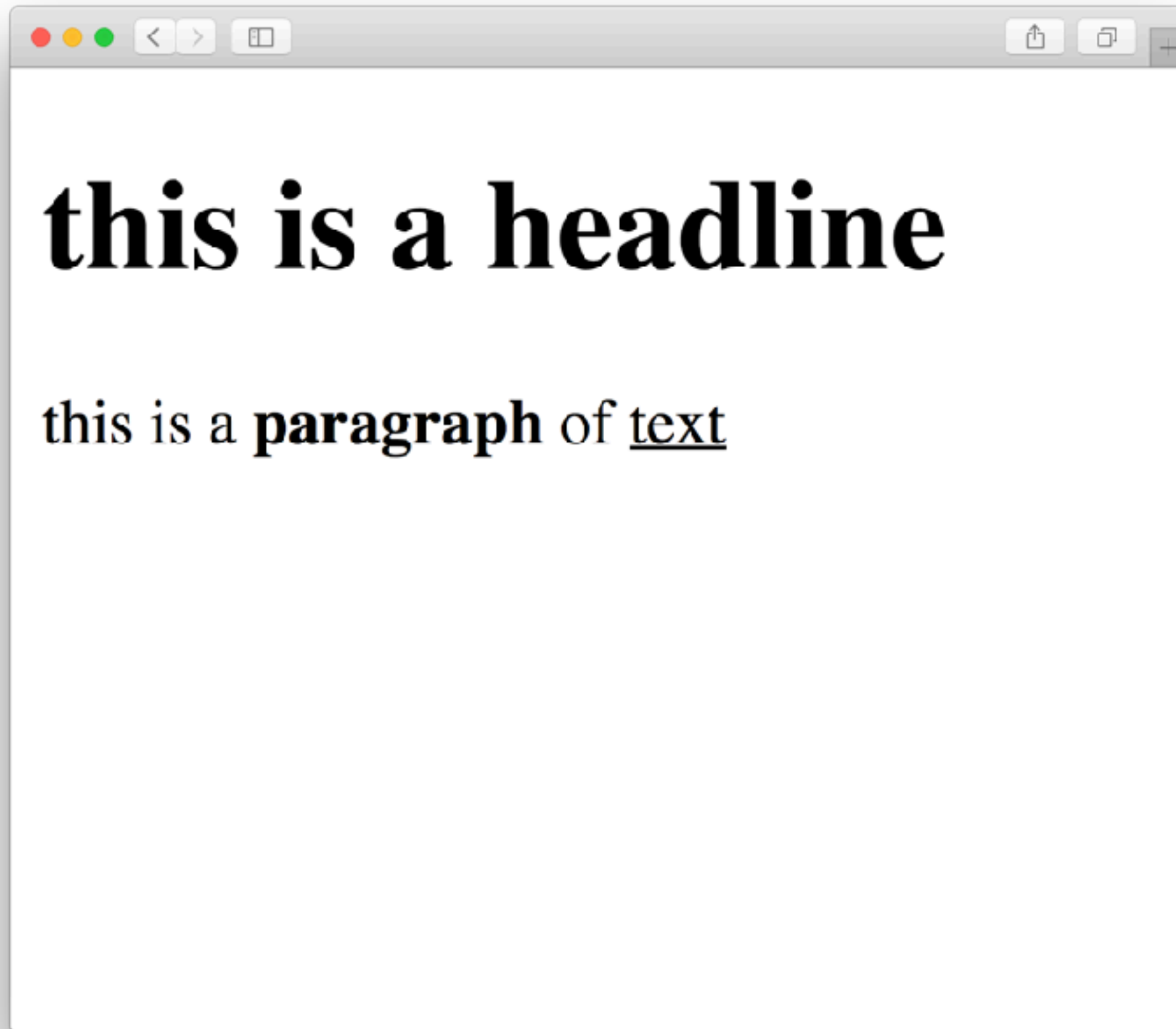
HTML in editor



```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Example Page</title>
5 </head>
6 <body>
7   <h1>this is a headline</h1>
8   <p>this is a <b>paragraph</b> of <u>text</u></p>
9 </body>
10 </html>
```

Line 8, Column 49; Saved ~/Desktop/index.html (UTF-8) Tab Size: 4 HTML

HTML in browser



<http://www.w3schools.com/tags/>