

Tags are basically what specifies what something is. Let me show you an example then explain it:

```
<title>This is the title</title>
```

So as you can see in the example above, there is a '`<title>`' then some text, then a '`</title>`'. So you might wonder, what is '`<title>`'? It is the opening tag. For every tag there is a beginning and an end. The beginning starts with '`<`' (less than), then has the name of the tag (title in this case), then finally has '`>`' (greater than). The end tag is the same thing except that after the '`<`' is a '`/`' (slash). So a tag called 'P' would look like this:

```
<P>Some Text</P>
```

It's that simple. There are other types of tags that don't need to have text in them like 'br'. 'br' stands for Break which makes a new line in html. But '`<br></br>`' is the long hand for doing a new line, you can type '`<br />`' Putting the '`/`' in the same tag as the open makes it open and close at once. I only ever use this in 'br'. You can also use this for other tags that don't need to be closed, but it is ok to leave tags like 'br' closed, for instance '`<br>`' could be used instead of '`<br />`'.

Another thing about tags that will confuse you even more is that tags can be inside of other tags. This is a good example

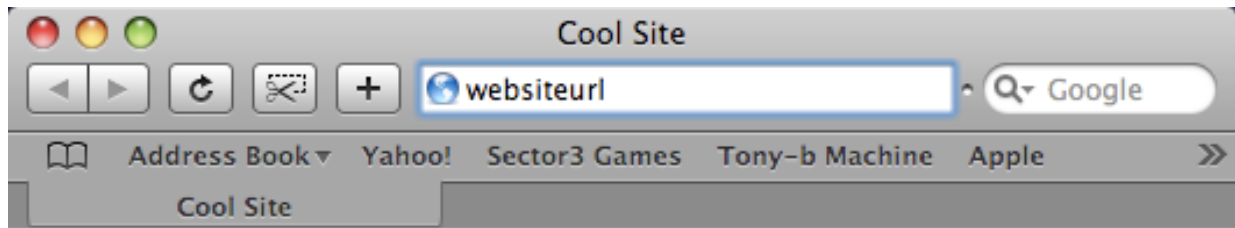
```
<head>  
<title>This is a title</title>  
</head>
```

So as you can see in that example, there is a 'head' and a '/head' tag but inside of the open tag and the end tag is an open 'title' and a close 'title' tag. This is used on almost every web site. You will find this useful to know. In the next page see some tags that can be used to add fonts to your web site.

Some tags are 'head' and 'title'. I will show you some code from a standard web site that uses these tags then explain what they mean:

```
<head>
<title>Cool Site</title>
</head>
```

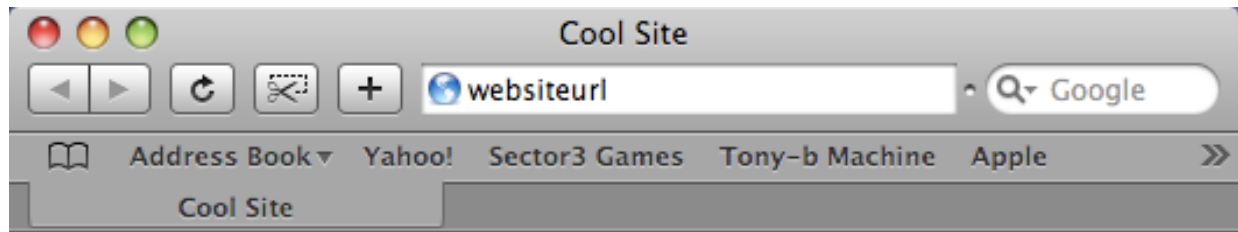
So basically in this you can see a 'head' tag and a 'title' tag. Everything inside of the '<head>' and '</head>' tags is information about the site, this does not display anything on the web page but can specify things for the browser to know, such as the title of web page, and the type of web site it is. The 'title' tags while used in the 'head' tags specify the window title of the web page. Let me show you a screen shot of Safari on this web page.



As you can see in that picture of my screen, the title of the window on the top of the picture is 'Cool Site'. That is because I specified that in the 'title' tag in the html code. This is a useful tool and makes your web site more professional. To put more content on the web page, you would use the 'body' tags. Let me show you the code of a simple web site then I will show you the results:

```
<head>
  <title>Cool site</title>
</head>
<body>
  This is a cool site
</body>
```

So as you could see in the code, I added a 'body' tag. Everything inside of the 'body' and end 'body' tags are the web page its self. Here are the results

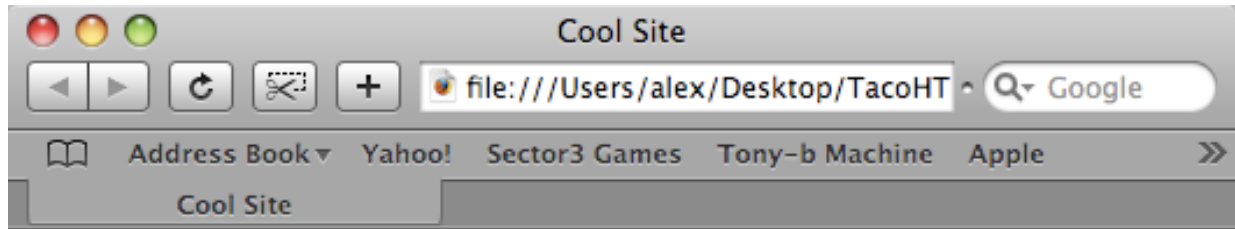


This is a cool site

So in those results you can see that the page has the window title that we set before but also has an actual page, being the text This is a cool site. We can make the size of that text a header, meaning that it is larger.

```
<head>
  <title>Cool site</title>
</head>
<body>
  <h1>This is a cool site</h1>
</body>
```

So that code was the same as the other code, the only difference is that I put the words 'This is a cool site' in 'h1' tags. Everything between 'h1' and end 'h1' are headers, meaning that their font is larger and they are bold. Here is the result of this.

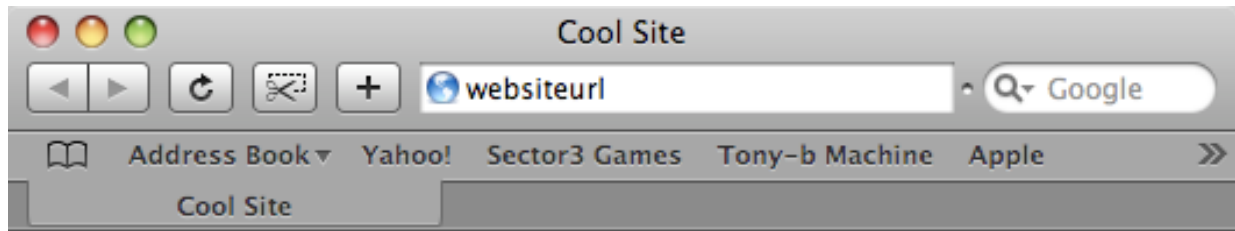


# This is a cool site

So with that I must now teach you how to center text, this is because putting the large text in the center makes the page look more professional. Here is the code to center the text 'This is a cool site'.

```
<head>
  <title>Cool site</title>
</head>
<body>
  <center><h1>This is a cool site</h1></center>
</body>
```

So all web did was put the code '`<h1>This is a cool site</h1>`' in the 'center' tags. Anything between a '`<center>`' and a '`</center>`' is put in the center of the screen. The results are on the next page...



**This is a cool site**

So now let's say that we want to put more text on this site, here is the code to do that

```
<head>
  <title>Cool site</title>
</head>
<body>
  <center><h1>This is a cool site</h1></center>
  <br />
  This is some more text on this web site
  <br />
  And even more text on another line
</body>
```

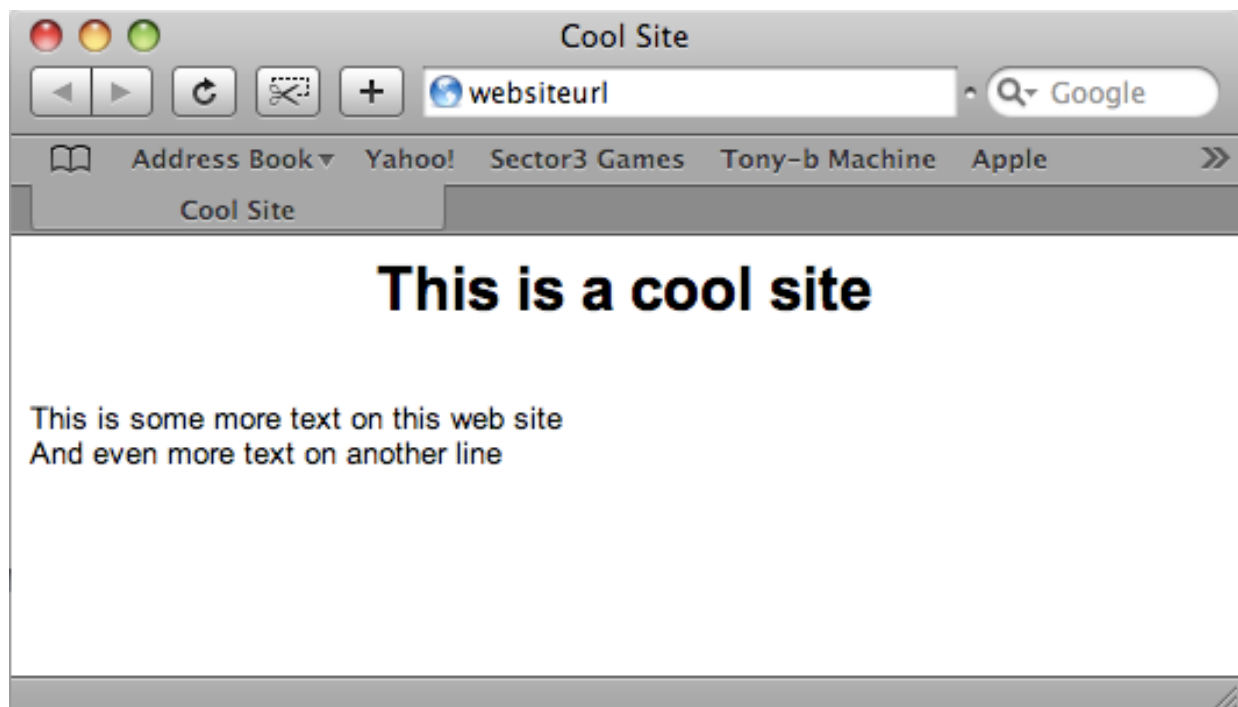
So in that you can see that I added a new line that said '`<br />`' then after that put more text, that is because enters (new lines) don't mean anything in html. That is why the code

```
<head>
  <title>Cool site</title>
</head>
<body>
  <center><h1>This is a cool site</h1></center>
  This is some more text on this web site.
  And even more text on another line
</body>
```

is invalid, because it would all be one line, so it would say 'This is a cool sitethis is some more text on this web siteAnd even more text on another line'. This is why the '<br />'s are there, for a new line. So if we use the code

```
<head>
  <title>Cool Site</title>
</head>
<body>
  <center><h1>This is a cool site</h1></center>
  <br />
  This is some more text on this web site
  <br />
  And even more text on another line
</body>
```

the results should look like this:



This is a nice result. There are other tags like 'b' which make any text inside of them bold, here is code that shows this:

```
<b>This text is bold!</b>
<br />
This text is not!
```

This is useful for making your web site look nice. In further tutorials, you will learn about link tags and picture tags. But for now let's focus on the content in this packet.