

```
<HTML>
<HEAD>
  <TITLE>USCS - University of Southern California
  <LINK REL="schema/DC" HREF="http://www.usc.edu/USCS/DC-schema.html">
  <META NAME="DC.Title" CONTENT="USCS - University of Southern California">
  <META NAME="DC.Creator" CONTENT="USCS - University of Southern California">
  <META NAME="DC.Subject" CONTENT="USCS - University of Southern California">
  <META NAME="DC.Description" CONTENT="USCS - University of Southern California">
  <META NAME="DC.Identifier" CONTENT="USCS - University of Southern California">
</HEAD>
<BODY BGCOLOR="#FFFFFF" BACKGROUND="http://www.usc.edu/USCS/USCS-Background.gif">
  <A NAME="top"></A>
  <DIV ALIGN="center">
    <TABLE border="1">
      <TR>
        <TD colspan="5" align="center">
          
        </TD>
      </TR>
      <TR VALIGN="MIDDLE" BGCOLOR="#FFFFFF">
        <TD WIDTH="20%" align="center">
          <font face="Verdana, sans-serif" size="12">
            U S C S (shrap/initials)
          </font><br>
        </TD>
      </TR>
      <TR VALIGN="TOP" ALIGN="center">
        <TH WIDTH="20%" align="center">
          <font face="Verdana, sans-serif" size="12">
            U S C S (shrap/initials)
          </font><br>
        </TH>
        <TD WIDTH="20%" align="center">
          <font face="Verdana, sans-serif" size="12">
            U S C S (shrap/initials)
          </font><br>
        </TD>
        <TD WIDTH="20%" align="center">
          <font face="Verdana, sans-serif" size="12">
            U S C S (shrap/initials)
          </font><br>
        </TD>
        <TD WIDTH="20%" align="center">
          <font face="Verdana, sans-serif" size="12">
            U S C S (shrap/initials)
          </font><br>
        </TD>
        <TD WIDTH="20%" align="center">
          <font face="Verdana, sans-serif" size="12">
            U S C S (shrap/initials)
          </font><br>
        </TD>
      </TR>
    </TABLE>
  </DIV>
</BODY>
</HTML>
```

Introduction to HTML

Tools you'll be using

► **INTERNET EXPLORER:** to view HTML

► **Text Editor**

What is HTML?

<tag> Some text enclosed by two tags **</tag>**

A very basic HTML document

`<html>`

`<head>`

THE HEAD

`</head>`

`<body>`

THE BODY

`</body>`

`</html>`

What's the HEAD for?

`<head>`

`<title> My First HTML Page </title>`

`</head>`



My First HTML Page - Microsoft Internet Explorer



What's the BODY for?

<body>

WELCOME TO MY FIRST WEBPAGE

email: cersbard@yahoo.co.in

</body>



My First HTML Page - Microsoft Internet Explorer



WELCOME TO MY FIRST WEBPAGE email: cersbard@yahoo.co.in

So remember, your web page will contain:

<html>

<head>

<title> The Title </title>

</head>

<body>

...

all of the page content goes here

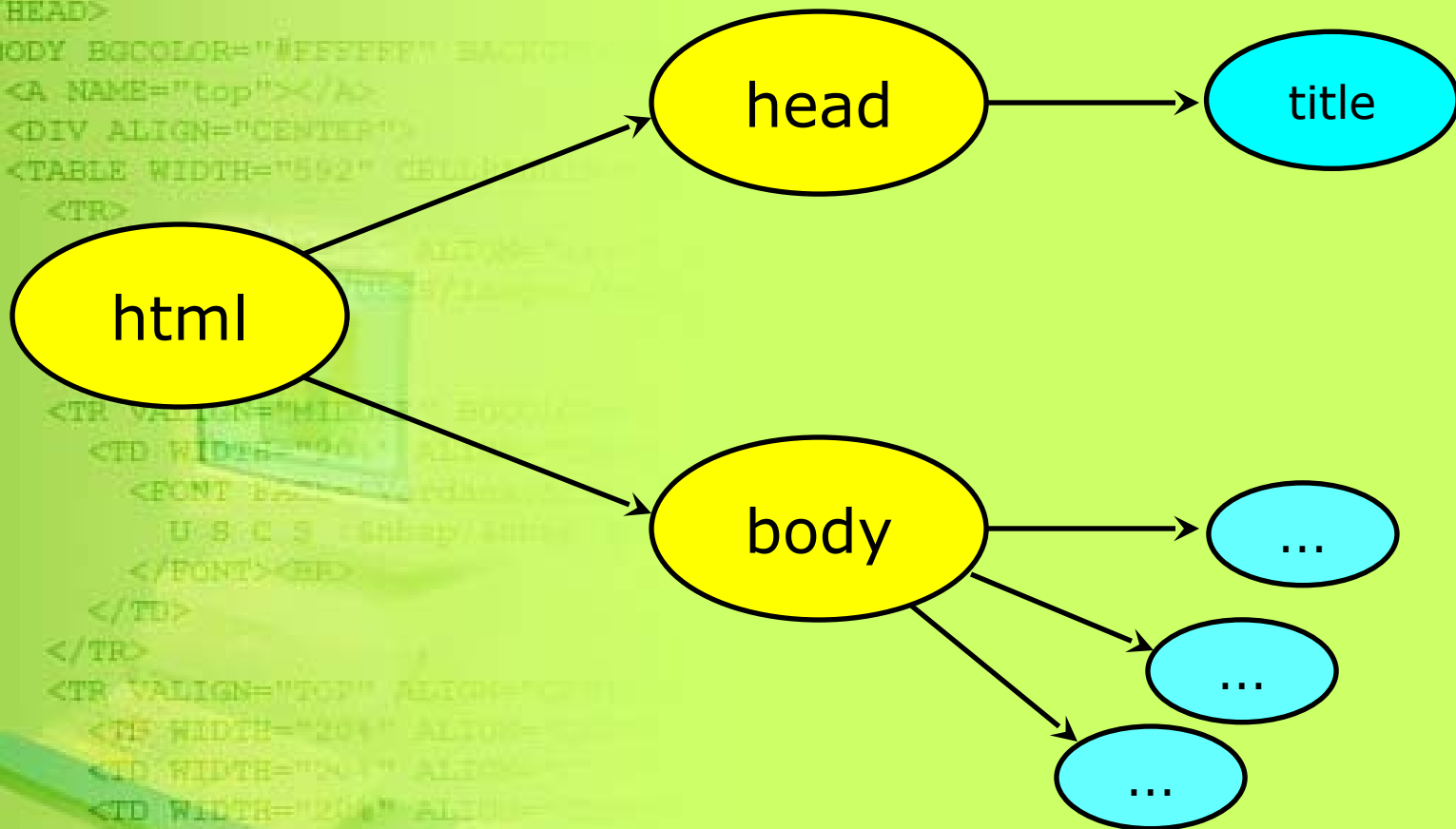
...

</body>

</html>

```
<HTML>
<HEAD>
  <TITLE>USCS - University of Southern California</TITLE>
  <LINK REL="schema/DC" HREF="http://www.usc.edu/schemas/DC-schema.xsd">
  <META NAME="DC:Title" HREF="http://www.usc.edu/schemas/DC-schema.xsd">
  <META NAME="DC:Description" HREF="http://www.usc.edu/schemas/DC-schema.xsd">
  <META NAME="DC:Identifier" HREF="http://www.usc.edu/schemas/DC-schema.xsd">
</HEAD>
<BODY BGCOLOR="#FFFFFF" BACKGROUND="http://www.usc.edu/images/USCS-Logo.gif">
  <A NAME="top"></A>
  <DIV ALIGN="CENTER">
    <TABLE WIDTH="592" CELLS="2" BGCOLOR="white">
      <TR>
        <TD WIDTH="50%">
          <IMG SRC="http://www.usc.edu/images/USCS-Logo.gif" ALT="USCS Logo" />
        <TD WIDTH="50%">
          <P>U S C S (shap/uhh)</P>
        </TD>
      </TR>
      <TR VALIGN="TOP" ALIGN="LEFT">
        <TD WIDTH="20%">
          <P>U S C S (shap/uhh)</P>
        <TD WIDTH="20%">
          <P>U S C S (shap/uhh)</P>
        <TD WIDTH="20%">
          <P>U S C S (shap/uhh)</P>
        <TD WIDTH="20%">
          <P>U S C S (shap/uhh)</P>
        <TD WIDTH="20%">
          <P>U S C S (shap/uhh)</P>
        <TD WIDTH="20%">
          <P>U S C S (shap/uhh)</P>
        </TD>
      </TR>
    </TABLE>
  </DIV>
</BODY>
</HTML>
```

Think of it as an HTML tree...



Paragraphs and Line Breaks

This text has no formatting
so any typed line-breaks you put in
are totally ignored by the browser

`<p>` However this is a paragraph `</p>`

`<p>` Whilst this is a paragraph `<br>`
with a line-break in it `</p>`

 My First HTML Page - Microsoft Internet Explorer



This text has no formatting so any typed line-breaks you put in are totally ignored by the browser

However, this is a paragraph

Whilst this is a paragraph
with a line break in it

Headings

<h1> This is a large heading </h1>

<h2> And this a slightly smaller one </h2>

<h3> This a smaller one still </h3>

This is a large heading

And this a slightly smaller one

This a smaller one still

Simple Text Formatting

`<strong>`Strong text`</strong>`

`<em>`Emphasised text`</em>`

```<em>`Strong emphasised`</em>```

```<strong>`Emphasised strong`</strong>```

```<em>` Don't do this!`</strong>```

```<strong>` Don't do this!`</em>```

My First HTML Page - Microsoft Internet Explorer

Strong text

Emphasised text

Strong emphasised

Emphasised strong

Special Characters (" & < > £ etc)

`<p> " Hello, " she said. </p>`

`<p> £ 1.99 only </p>`

`<p> r ésumé </p>`

`<p> >, < and & are special in HTML </p>`

My First HTML Page - Microsoft Internet Explorer

“Hello,” she said.

£1.99 only

résumé

>, < and & are special in HTML

```
<HTML>
<HEAD>
  <TITLE>USCS - University of South Carolina
  <LINK REL="schema/DC" HREF="http://www.loc.gov/standards/iso639-2/iso639-2.html"
  <META NAME="DC.Creator" CONTENT="USC Libraries"
  <META NAME="DC.Subject" CONTENT="USC Libraries"
  <META NAME="DC.Description" CONTENT="USC Libraries"
  <META NAME="DC.Identifier" CONTENT="USC Libraries"
</HEAD>
<BODY BGCOLOR="#FFFFFF" BACKGROUND="http://www.usc.edu/~librarians/USC_Lib.html">
  <A NAME="top"></A>
  <DIV ALIGN="center">
    <TABLE WIDTH="592" CELLPADDING="10">
      <TR>
        <TD COLSPAN="2">
          <IMG SRC="http://www.usc.edu/~librarians/USC_Lib.html"
        </TD>
      </TR>
      <TR VALIGN="middle">
        <TD WIDTH="296" ALIGN="center">
          <FONT FACE="Verdana, sans-serif" SIZE="12">
            U S C S (shrap/initials)
          </FONT><BR>
        </TD>
      </TR>
      <TR VALIGN="top" ALIGN="center">
        <TH WIDTH="20%" ALIGN="left">
        <TD WIDTH="20%" ALIGN="left">
        <TD WIDTH="20%" ALIGN="left">
        <TD WIDTH="20%" ALIGN="left">
        <TD WIDTH="20%" ALIGN="left">
      </TR>
    </TABLE>
  </DIV>

```

There are three types of lists in HTML:

✳ **Ordered Lists **

✳ **Unordered Lists **

✳ **Definition Lists <dl>**

Ordered Lists (numbering)

```
<ol>
```

```
<li> Cassette </li>
```

```
<li> CD </li>
```

```
<li> Vinyl </li>
```

```
<li> Minidisc </li>
```

```
</ol>
```

My First HTML Page - Microsoft Internet Explorer

1. Cassette
2. CD
3. Vinyl
4. Minidisc

```
<HTML>
<HEAD>
  <TITLE>USCS -
  <LINK REL="stylesheet" type="text/css" href="css/USCS.css">
  <META NAME="description" content="USCS - University of South Carolina's official website" />
  <META NAME="keywords" content="USCS, University of South Carolina, USCS website" />
  <META NAME="author" content="USCS" />
  <META NAME="copyright" content="USCS" />
  <META NAME="robots" content="index, follow" />
</HEAD>
<BODY BGCOLOR="#FFFFFF">
  <A NAME="top">
  <DIV ALIGN="center">
  <TABLE WIDTH="100%">
    <TR>
      <TD COLSPAN="2">
        <IMG SRC="images/USCS_Logo.jpg" />
      </TD>
    </TR>
    <TR VALIGN="top">
      <TD WIDTH="50%">
        <FONT FACE="serif" SIZE="12">
          U S C
        </FONT>
      </TD>
      <TR VALIGN="top">
        <TD WIDTH="25%">
        <TD WIDTH="25%">
        <TD WIDTH="25%">
      </TR>
    </TR>
  </TABLE>
</BODY>
```

HTML-CODE

```
<ol>
<li>text</li>
<li>text</li>
<li>text</li>
</ol>
```

```
<ol start="5">
```

EXPLANATION / EXAMPLE

1.Makes a numbered list using the default number type:

- 1.text
- 2.Text
- 3.text

Starts a numbered list, first # being 5.

5. This is one line
6. This is another line
7. And this is the final line

Unordered Lists (bullet points)

```
<ul>
```

```
<li> Cat </li>
```

```
<li> Dog </li>
```

```
<li> Goldfish </li>
```

```
<li> Rhinoceros </li>
```

```
</ul>
```

My First HTML Page - Microsoft Internet Explorer

- Cat
- Dog
- Goldfish
- Rhinoceros

```
<HTML>
<HEAD>
  <TITLE>USCS - University of South Carolina
  <LINK REL="stylesheet" TYPE="text/css" HREF="css/USCS.css">
  <META NAME="description" CONTENT="USCS - University of South Carolina">
  <META NAME="keywords" CONTENT="USCS - University of South Carolina">
  <META NAME="author" CONTENT="USCS - University of South Carolina">
  <META NAME="copyright" CONTENT="USCS - University of South Carolina">
</HEAD>
<BODY BGCOLOR="white">
  <A NAME="top">
  <DIV ALIGN="center">
    <TABLE WIDTH="100%">
      <TR>
        <TD COLSPAN="2">
          <IMG SRC="images/USCS_Logo.jpg" ALT="USCS Logo" />
        </TD>
      </TR>
      <TR VALIGN="top">
        <TD WIDTH="50%">
          <FOUNDED>
            U.S.
          </FOUNDED>
        </TD>
      </TR>
      <TR VALIGN="top">
        <TD WIDTH="50%">
          <FOUNDED>
            U.S.
          </FOUNDED>
        </TD>
      </TR>
    </TABLE>
  </DIV>
</BODY>
</HTML>
```

<ol type="A">

Starts a numbered list, using capital letters.

- A. This is one line
- A.This is another line
- B.And this is the final line

<ol type="a">

Starts a numbered list, using small letters.

- a. This is one line
- b. This is another line
- c. And this is the final line

<ol type="I">

Starts a numbered list, using capital roman numbers.

- I. This is one line
- II. This is another line
- III. And this is the final line

<ol type="i" start="7">

Starts a numbered list, using small roman numbers.

- Vii. This is one line
- viii. This is another line
- ix. And this is the final line

Definition Lists

Here is how a definition list looks:

`<dl>`

`<dt>`This is a definition term`</dt>`

`<dd>`And this is the definition `</dd>`

`<dt>`term 2`</dt>`

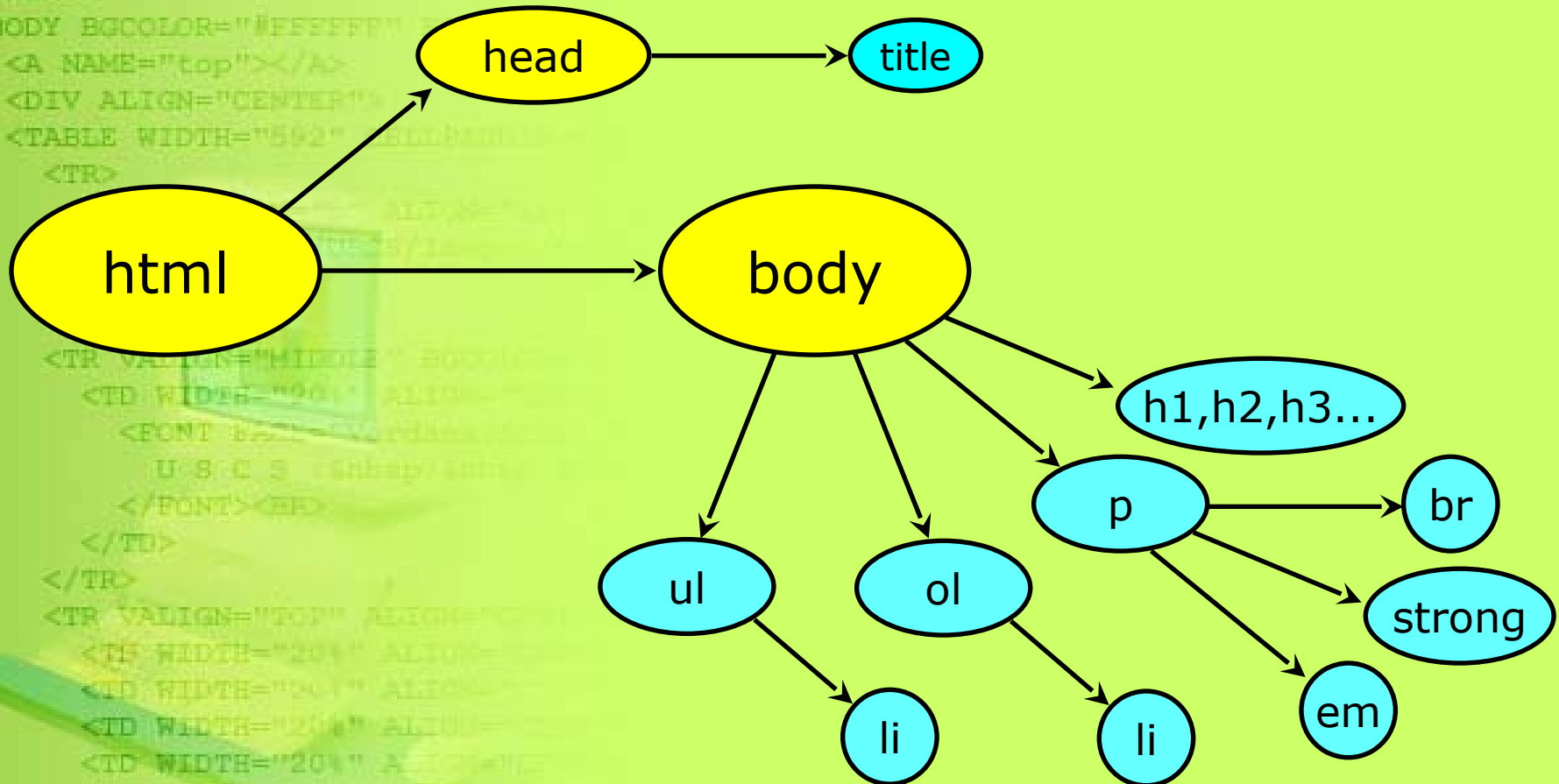
`<dd>`definition 2`</dd>`

`<dt>`term 3`</dt>`

`<dd>`definition 3`</dd>`

`</dl>`

Back to the HTML tree...



Adding Images



U S C S (shap/lines)

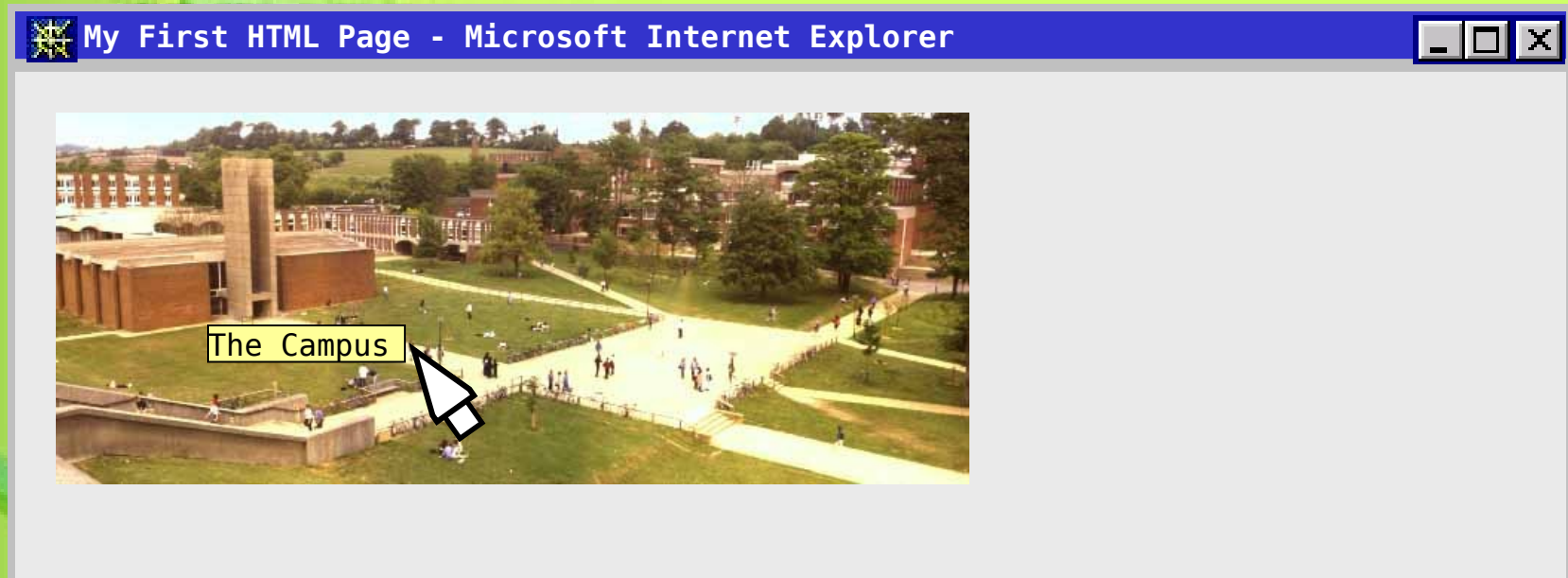
Attribute and Value

<tag attribute="value">

The Image Tag

```
  

```



Aligning the Image Tag (LEFT)

```

```

```
<p> Some meaningless text, just inserted  
to illustrate how the image alignment  
works. That's all it is.</p>
```

My First HTML Page - Microsoft Internet Explorer



Some meaningless text, just inserted
to illustrate how the image alignment
works. That's all it is.

Aligning the Image Tag (RIGHT)

```

```

```
<p> Some meaningless text, just inserted  
to illustrate how the image alignment  
works. That's all it is.</p>
```

My First HTML Page - Microsoft Internet Explorer

Some meaningless text, just inserted
to illustrate how the image alignment
works. That's all it is.



Stopping Text Wrapping

```

```

```
<p>Some meaningless text, just inserted to  
illustrate how image alignment works.
```

```
<br clear="left"> That's all it is.</p>
```

My First HTML Page - Microsoft Internet Explorer

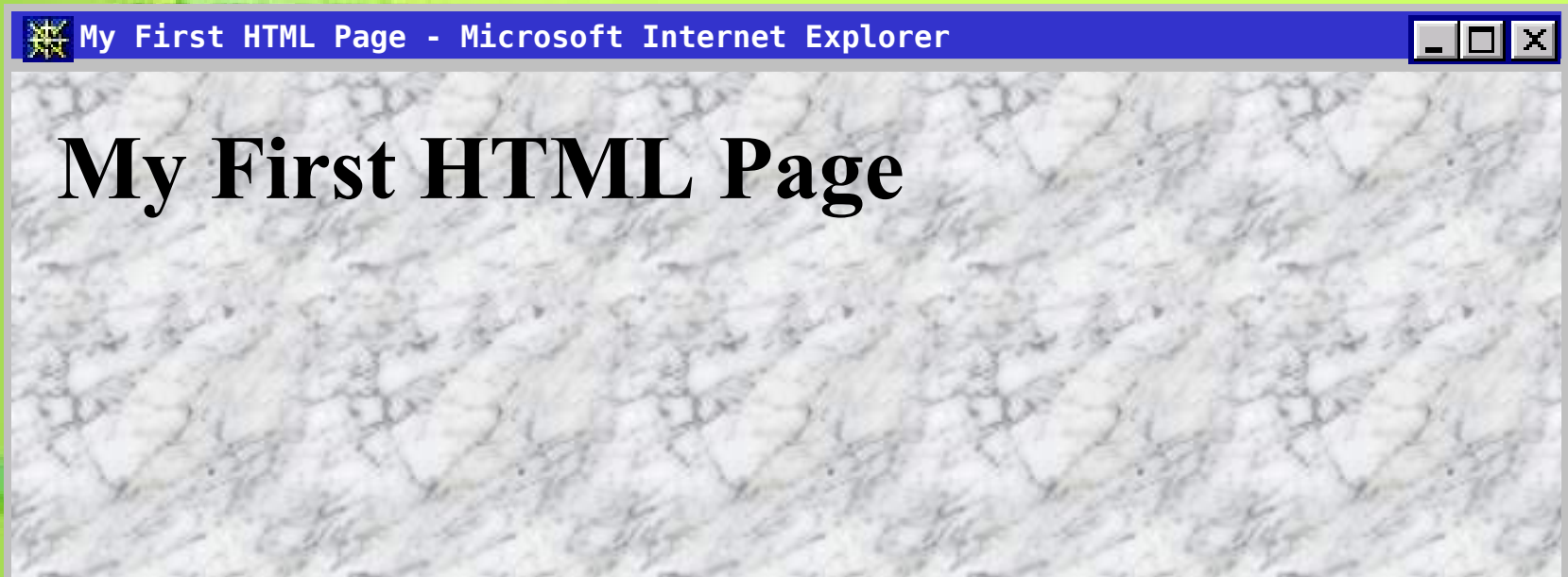


Some meaningless text, just inserted
to illustrate how the image alignment
works.

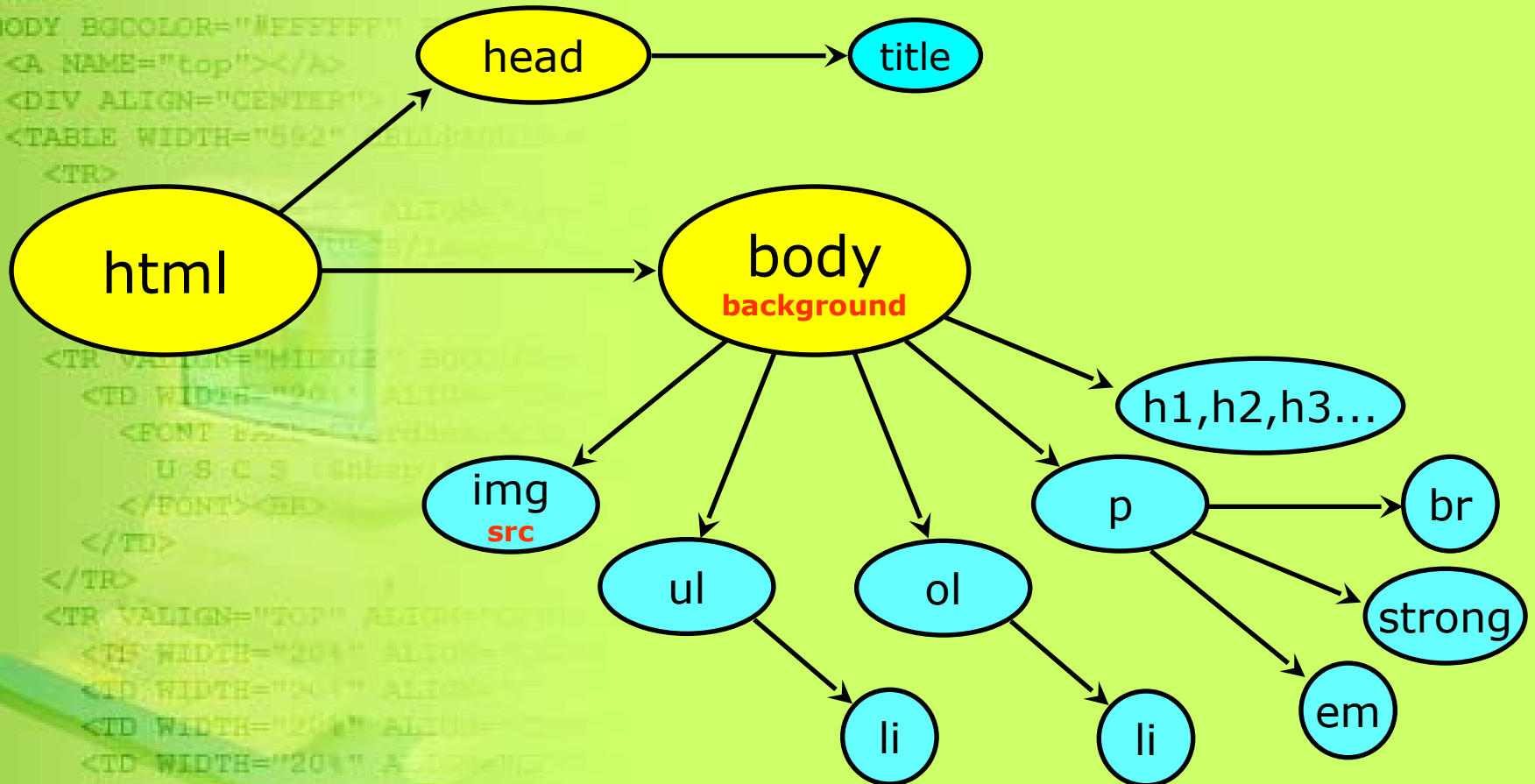
That's all it is.

Using an Image as a Background

```
<body background="texture1.jpg">  
<h1> My First HTML Page </h1>
```



Back to the HTML tree...



Adding Links

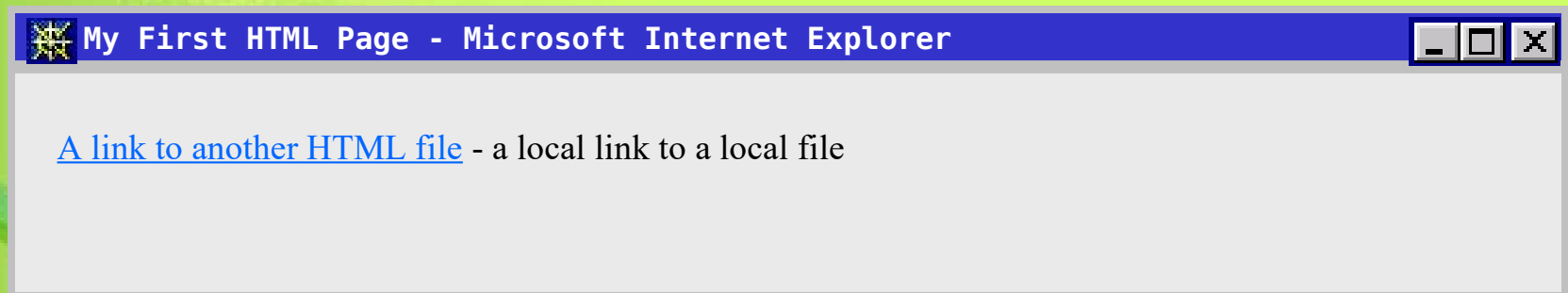
```
<HTML>
<HEAD>
  <TITLE>USCS - University of Southern California
  <LINK REL="stylesheet" href="style.css">
  <META NAME="description" content="USCS Home Page" />
  <META NAME="keywords" content="USCS, University of Southern California" />
  <META NAME="author" content="USCS" />
  <META NAME="copyright" content="USCS" />
  <META NAME="robots" content="index, follow" />
</HEAD>
<BODY>
  <A href="http://www.uscs.edu" id="USCS">USCS</A>
  <DIV ALIGN="CENTER">
    <TABLE WIDTH="502" CELLPADDING="10">
      <TR>
        <TD COLSPAN="2" ALIGN="center">
          <IMG SRC="/USCS/logo.gif" />
        </TD>
      </TR>
      <TR VALIGN="MIDDLE" BGCOLOR="#f0f0f0">
        <TD WIDTH="200" ALIGN="center">
          <FONT FACE="Verdana, Arial" SIZE="12">
            U S C S (shrap/initials)
          </FONT><BR>
        </TD>
      </TR>
      <TR VALIGN="TOP" ALIGN="center">
        <TD WIDTH="200" ALIGN="center">
          <A href="http://www.uscs.edu" id="USCS">USCS</A>
        </TD>
        <TD WIDTH="200" ALIGN="center">
          <A href="http://www.uscs.edu" id="USCS">USCS</A>
        </TD>
        <TD WIDTH="200" ALIGN="center">
          <A href="http://www.uscs.edu" id="USCS">USCS</A>
        </TD>
        <TD WIDTH="200" ALIGN="center">
          <A href="http://www.uscs.edu" id="USCS">USCS</A>
        </TD>
        <TD WIDTH="200" ALIGN="center">
          <A href="http://www.uscs.edu" id="USCS">USCS</A>
        </TD>
      </TR>
    </TABLE>
  </DIV>
</BODY>
</HTML>
```

The Anchor Tag as a Link

```
<a href="file2.html">A link to another  
HTML File </a>
```

 - a local link to a local file

href = **h**yperlink **r**eference



The Anchor Tag as a Link

`<a href="http://www.bdu.ac.in" >` A link
to the Bharathidasan University web site

`</a>`

- an absolute link that would work from
absolutely anywhere

My First HTML Page - Microsoft Internet Explorer



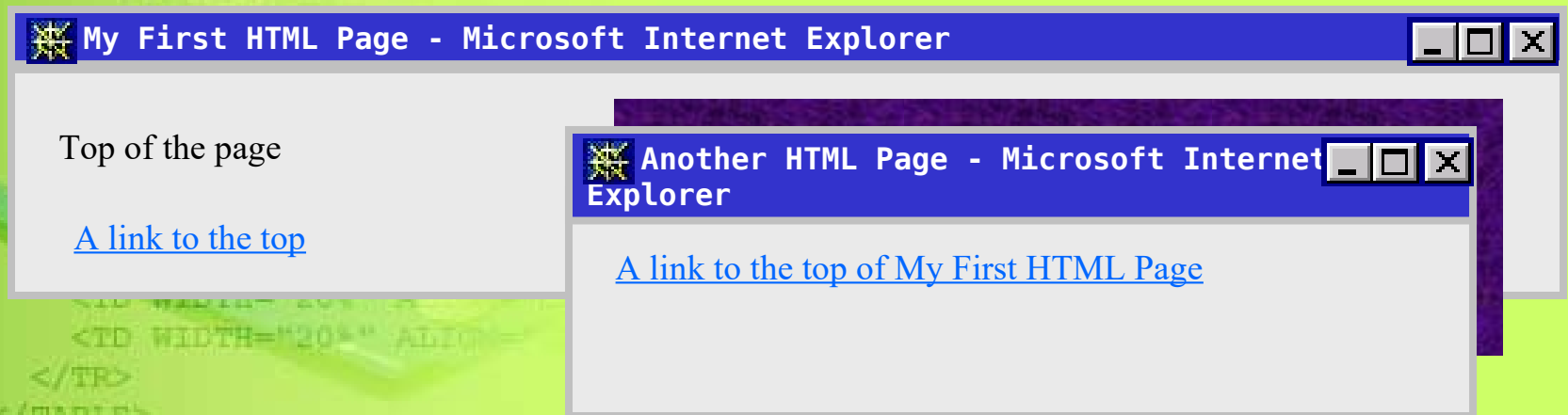
[A link to the Bharathidasan University Web Site](http://www.bdu.ac.in) - an absolute link that would work from
absolutely anywhere

The Anchor Tag as an Anchor

`<a name="top"></a>` Top of the page

`<a href="#top">` A link to the top `</a>`

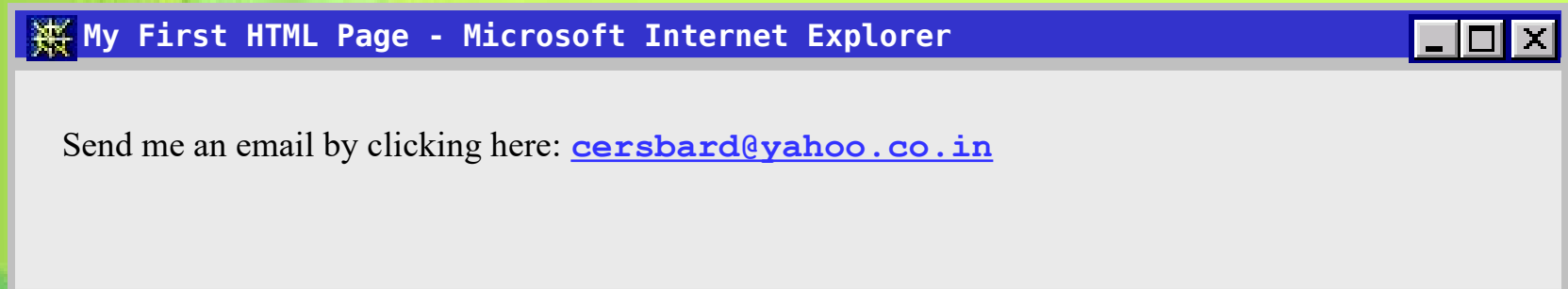
`<a href="mydoc.html#top">` A link to
the top of My First HTML Page `</a>`



The Anchor Tag as an Email Link

Send me an email by clicking here:

`<a href="mailto:cersbard@yahoo.co.in">`
`cersbard@yahoo.co.in` `</a>`



A final look at the HTML tree...

