

Cascading Style Sheets (CSS)

Webinar Epilogue: Attendee Questions & Challenges

PRESENTED BY

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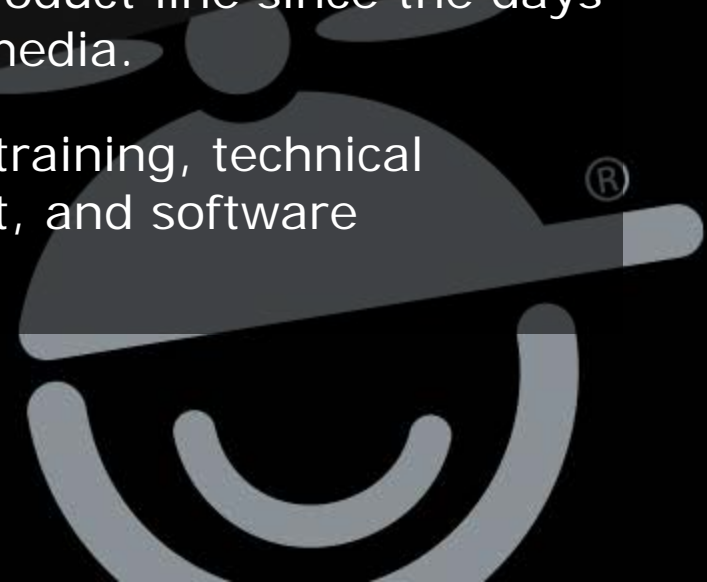
Presenter Information



- Mike Hamilton
 - MadCap V.P. of Product Evangelism

Mike Hamilton is the Vice President of Product Evangelism at MadCap Software where he is working on the next generation authoring tool, Flare. Before joining MadCap Software, he was the Product Manager for the RoboHelp product line since the days of Blue Sky Software, eHelp, and Macromedia.

Mike has over 20 years of experience in training, technical communication, multimedia development, and software development.



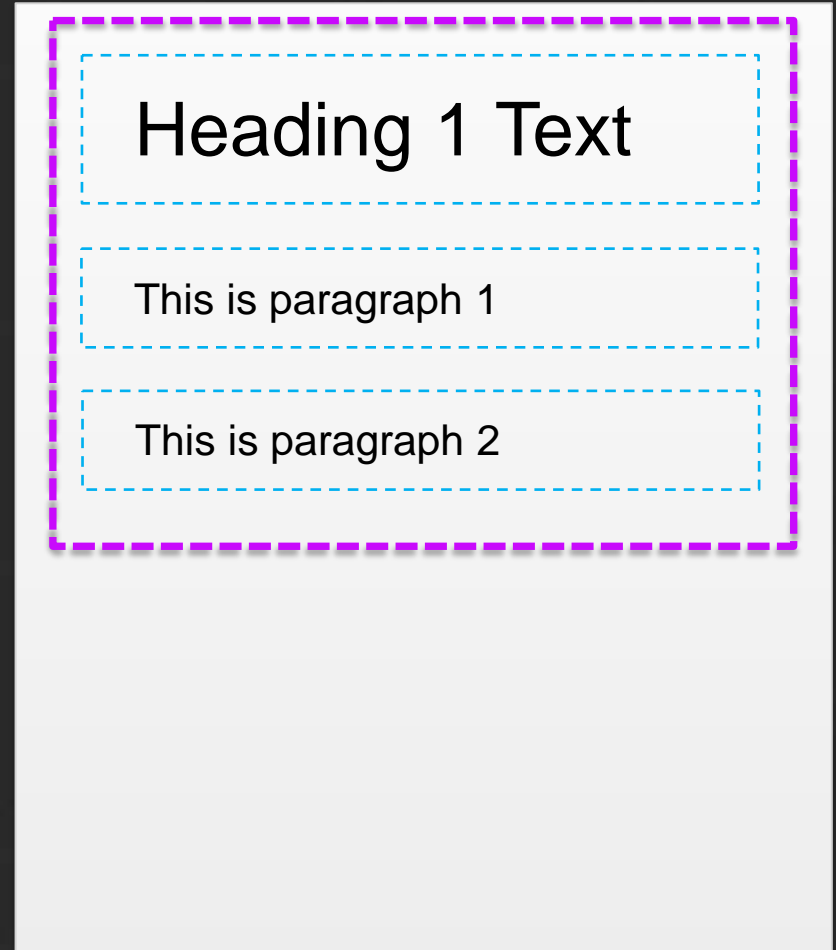
AGENDA

- Light review of CSS
- “Note” style creation – Single element
- “Note” style creation – Multi-element
- Simplifying margin/indent control
- List indent control (and why it drives people crazy)

QUICK REVIEW OF THE DIV ELEMENT

THE DIV ELEMENT

- The DIV element is simply a container for containers
- A DIV can have styles
- A DIV group can be treated as a unit



QUICK REVIEW OF THE BOX MODEL

THE BOX MODEL

- This page contains three elements
- Each element has an invisible box around it

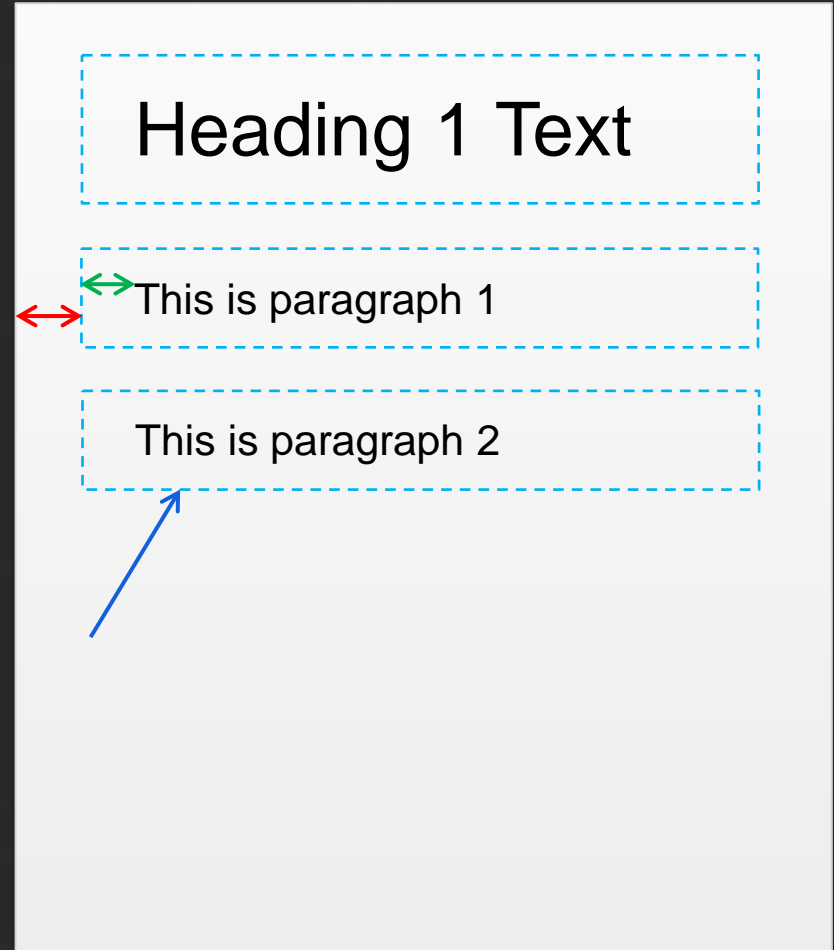
Heading 1 Text

This is paragraph 1

This is paragraph 2

THE BOX MODEL

- There are three primary attributes to the box model
 - » **Border**
 - » **Margin**
 - » **Padding**
- Each can be set in total, or by top, bottom, right, or left



EXAMPLE FROM CSS WEBINAR SERIES

- If I have the text

CAUTION!: Don't do something.

```
background-image: /caution.png;
```

```
Background-position: 0% 50%;
```

```
Background-repeat: no-repeat;
```

```
Line-height: 40px;
```

```
Padding-left: 60px
```



CAUTION!: Don't do something.

TWO NEW EXAMPLES

Interior sub heading - Heading 3

Neque euismod sed dolores at ornare, id justo egestas, venenatis et erat tellus leo magna nisl. Eget velit consectetur vitae vitae sit lectus, elit sem at wisi, magnis vestibulum integer quis parturient tortor sem. Tempus lacus tincidunt vestibulum amet pharetra, molestie ante convallis sit massa. Wisi accumsan suspendisse, velit aliquam et, ullamcorper sagittis, accumsan velit amet wisi id, suscipit diam posuere nascetur elementum convallis et.



DANGER: Do not touch rotating machinery.



Caution:

Oven surfaces can be hot.

TWO NEW EXAMPLES

Interior sub heading - Heading 3

Neque euismod sed dolores at ornare, id justo egestas, venenatis et erat tellus leo magna nisl. Eget velit consectetuer vitae vitae sit lectus, elit sem at wisi, magnis vestibulum integer quis parturient tortor sem. Tempus lacus tincidunt vestibulum amet pharetra, molestie ante convallis sit massa. Wisi accumsan suspendisse, velit aliquam et, ullamcorper sagittis, accumsan velit amet wisi id, suscipit diam posuere nascetur elementum convallis et.



DANGER: Do not touch rotating machinery.



Caution:

Oven surfaces can be hot.

EXAMPLE 1 – STARTING POINT

This is our goal...



DANGER: Do not touch rotating machinery.

...but this is our starting point.




Do not touch rotating machinery.

First – Create a style class
p.danger

EXAMPLE 1 – ADD IMAGE

```
background-image: url('../Images/caution.png');  
background-position-x: 0;  
background-position-y: center;  
background-repeat: no-repeat;
```

 Do not touch rotating machinery.

EXAMPLE 1– MAKE ROOM FOR IMAGE

```
background-image: url('../Images/caution.png');  
background-position-x: 0;  
background-position-y: center;  
background-repeat: no-repeat;  
line-height: 40px;  
padding-left: 70px;  
font-size: 1.3em;
```



Do not touch rotating machinery.

EXAMPLE 1–ADD BORDER

```
background-image: url('../Images/caution.png');
background-position-x: 0;
background-position-y: center;
background-repeat: no-repeat;
line-height: 40px;
padding-left: 70px;
font-size: 1.3em;

border-left-style: solid;
border-left-width: 1px;
border-left-color: #000000;
border-right-style: solid;
border-right-width: 1px;
border-right-color: #000000;
border-top-style: solid;
border-top-width: 1px;
border-top-color: #000000;
border-bottom-style: solid;
border-bottom-width: 1px;
border-bottom-color: #000000;
```



Do not touch rotating machinery.

EXAMPLE 1– DANGER TEXT / RADIUS

```
background-image: url('../Images/caution.png');
background-position-x: 0;
background-position-y: center;
background-repeat: no-repeat;
line-height: 40px;
padding-left: 70px;
font-size: 1.3em;
border-left-style: solid;
border-left-width: 1px;
border-left-color: #000000;
border-right-style: solid;
border-right-width: 1px;
border-right-color: #000000;
border-top-style: solid;
border-top-width: 1px;
border-top-color: #000000;
border-bottom-style: solid;
border-bottom-width: 1px;
border-bottom-color: #000000;
mc-auto-number-format: '{b}DANGER: {/b}';
border-top-left-radius: 5px 5px;
border-top-right-radius: 5px 5px;
border-bottom-right-radius: 5px 5px;
border-bottom-left-radius: 5px 5px;
```



DANGER: Do not touch rotating machinery.

EXAMPLE 1– PUTTING IT ALL TOGETHER

```
background-image: url('../Images/caution.png');
background-position-x: 0;
background-position-y: center;
background-repeat: no-repeat;
line-height: 40px;
padding-left: 70px;
font-size: 1.3em;
border-left-style: solid;
border-left-width: 1px;
border-left-color: #000000;
border-right-style: solid;
border-right-width: 1px;
border-right-color: #000000;
border-top-style: solid;
border-top-width: 1px;
border-top-color: #000000;
border-bottom-style: solid;
border-bottom-width: 1px;
border-bottom-color: #000000;
mc-auto-number-format: '{b}DANGER: {/b}';
border-top-left-radius: 5px 5px;
border-top-right-radius: 5px 5px;
border-bottom-right-radius: 5px 5px;
border-bottom-left-radius: 5px 5px;
```




DANGER: Do not touch rotating machinery.

EXAMPLE 1– PUTTING IT ALL TOGETHER

Do not touch rotating machinery.

Original text, create style

 Do not touch rotating machinery.

Add image, set repeat / position



Do not touch rotating machinery.

Set padding and line height



Do not touch rotating machinery.

Turn on borders

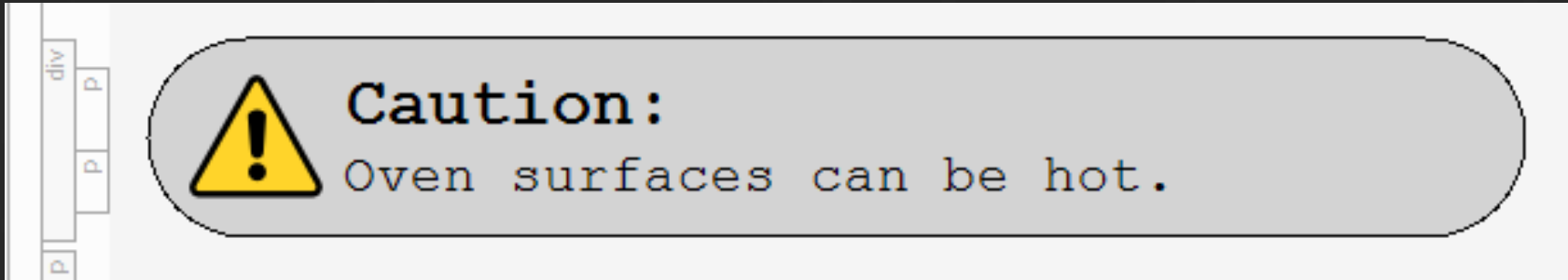


DANGER: Do not touch rotating machinery.

Round corners and add AutoNumber text

EXAMPLE 2 – STARTING POINT

This is our goal...



...but this is our starting point.



First – Create three style classes

- p.CautionInside
- p.CautionTextInside
- div.Caution

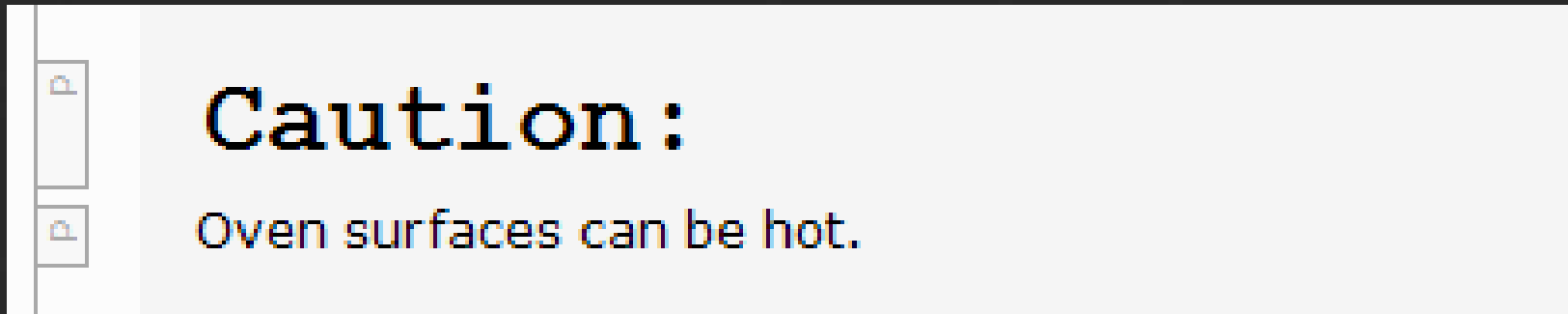
EXAMPLE 2 – FIRST STYLE

p.CautionInside

```
font-weight: bold;
```

```
font-family: 'Courier New';
```

```
font-size: 2em;
```



EXAMPLE 2 – SECOND STYLE

```
p.CautionTextInside
```

```
font-family: 'Courier New';
```

```
font-size: 1.6em;
```

A screenshot of a web browser window. On the left side, there is a vertical sidebar with three small square icons. The main content area is white and contains a bold, black, monospaced heading "Caution:" followed by the text "Oven surfaces can be hot." in the same monospaced font.

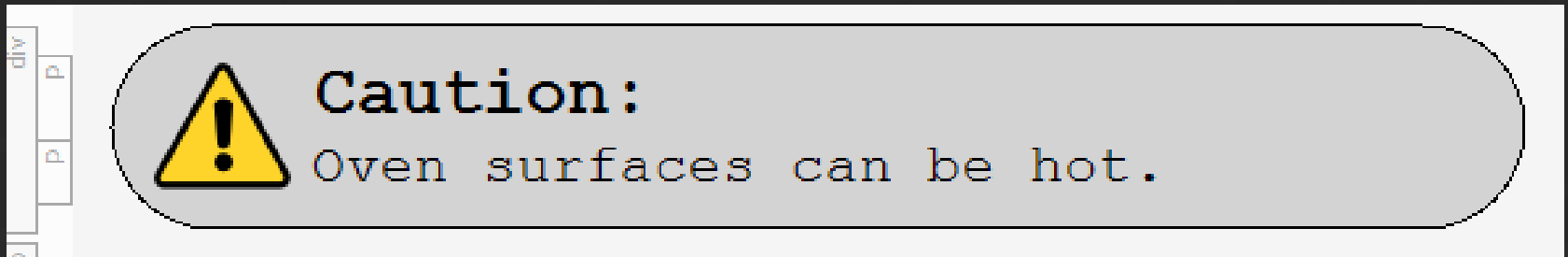
Caution:

Oven surfaces can be hot.

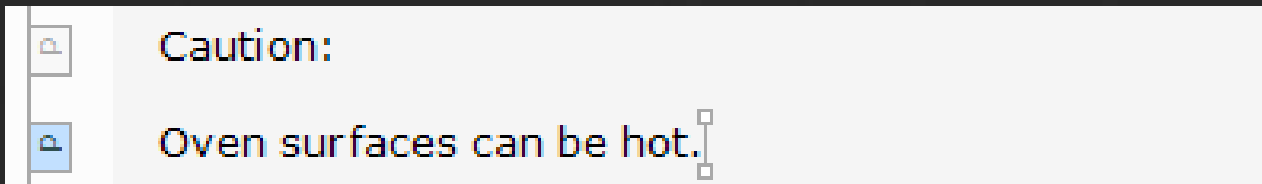
EXAMPLE 2– DIV STYLE

div.caution

```
background-image: url('../Images/caution.png');  
background-position-y: center;  
background-position-x: 25px;  
background-repeat: no-repeat;  
border-radius: 40px 40px;  
padding-left: 75px;  
border-style: solid;  
border-width: 1px;  
border-color: #000000;  
background-color: #d3d3d3;
```



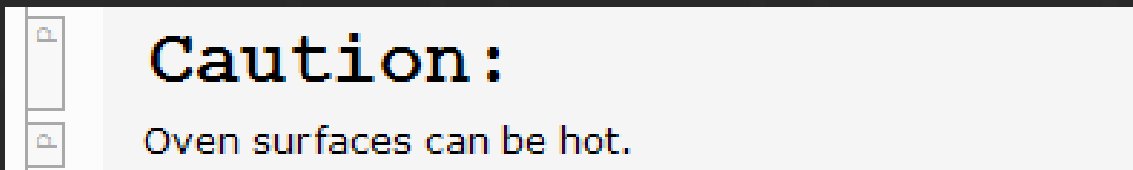
EXAMPLE 2– PUTTING IT ALL TOGETHER



Caution:

Oven surfaces can be hot.

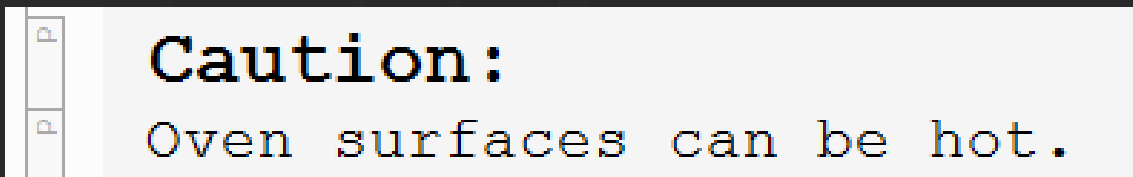
Original text, create three styles



Caution:

Oven surfaces can be hot.

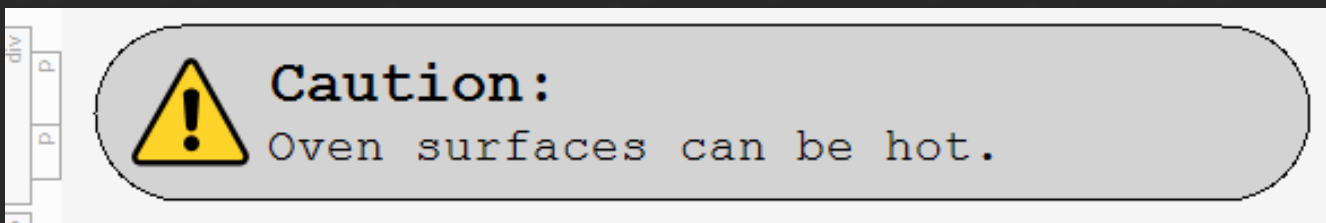
Apply the p.CautionInside style




Caution:

Oven surfaces can be hot.

Apply the p.CautionTextInside style



 **Caution:**
Oven surfaces can be hot.

Group both paragraphs with the div.Caution style

**SUPER-SECRET
TECHNIQUE!!!!!!!**

HOW TO TEMPLATE (UNOFFICIALLY)

- Convert div.Caution to a Flare Snippet
- Whenever you need a new caution statement insert the Snippet
- Right-click on the Snippet and “Convert to text”
- You can now edit the text of the new caution statement without having to build all three elements

INDENT CONTROL

INDENT CONTROL

- In a CSS world there is no support for “Tab”
- To compensate, indents must be handled with style settings
- **HOWEVER:** Don't go style crazy!
- It is possible to have multiple levels of indent using 1 style

INTRODUCING THE DIV ELEMENT

- DIV is one of the most important elements for CSS control
- A DIV element is a container element which can wrap or contain other elements
- A DIV can be styled
- Can drastically reduce the number of styles needed

INDENT CONTROL

```
<body>
```

```
  <h1>DivDemo</h1>
```

```
  <p>Paragraph 1</p>
```

```
  <p>Paragraph 2</p>
```

```
  <p>Paragraph 2a</p>
```

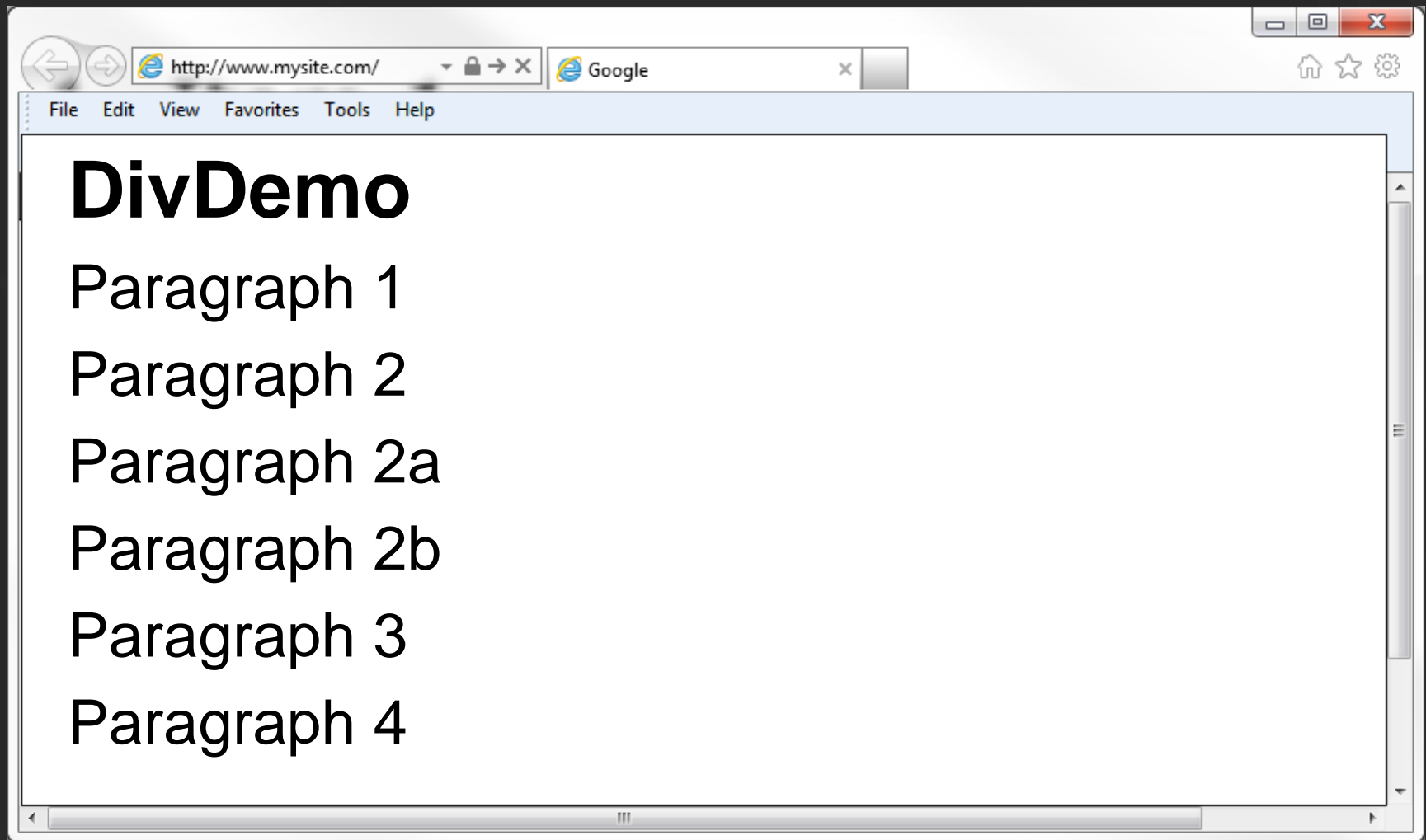
```
  <p>Paragraph 2b</p>
```

```
  <p>Paragraph 3</p>
```

```
  <p>Paragraph 4</p>
```

```
</body>
```

INDENT CONTROL



INDENT CONTROL

In Style Sheet:

```
div.myindent
```

```
{
```

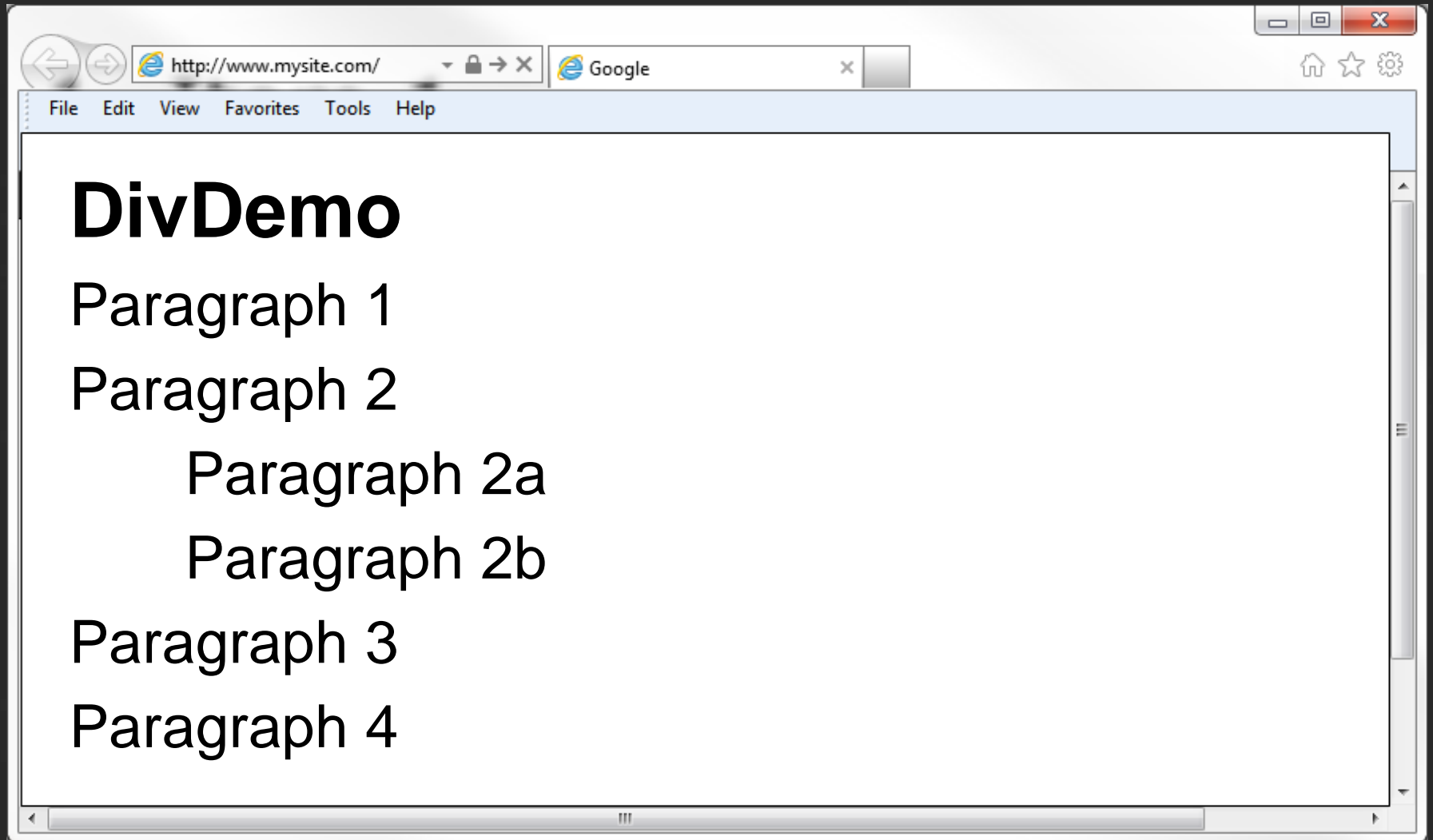
```
    margin-left: 18pt;
```

```
}
```

INDENT CONTROL

```
<body>  
  <h1>DivDemo</h1>  
  <p>Paragraph 1</p>  
  <p>Paragraph 2</p>  
  <div class="myindent">  
    <p>Paragraph 2a</p>  
    <p>Paragraph 2b</p>  
  </div>  
  <p>Paragraph 3</p>  
  <p>Paragraph 4</p>  
</body>
```


INDENT CONTROL



LIST INDENTS

THE BOX MODEL

- This page contains three elements
- Each element has an invisible box around it

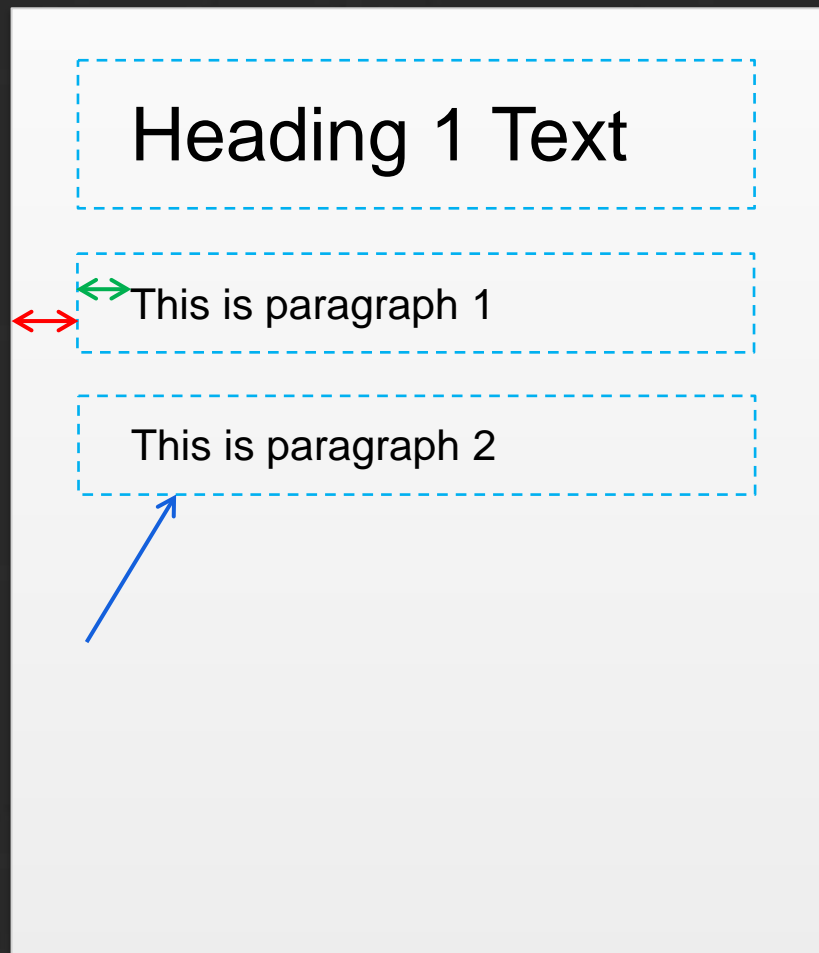
Heading 1 Text

This is paragraph 1

This is paragraph 2

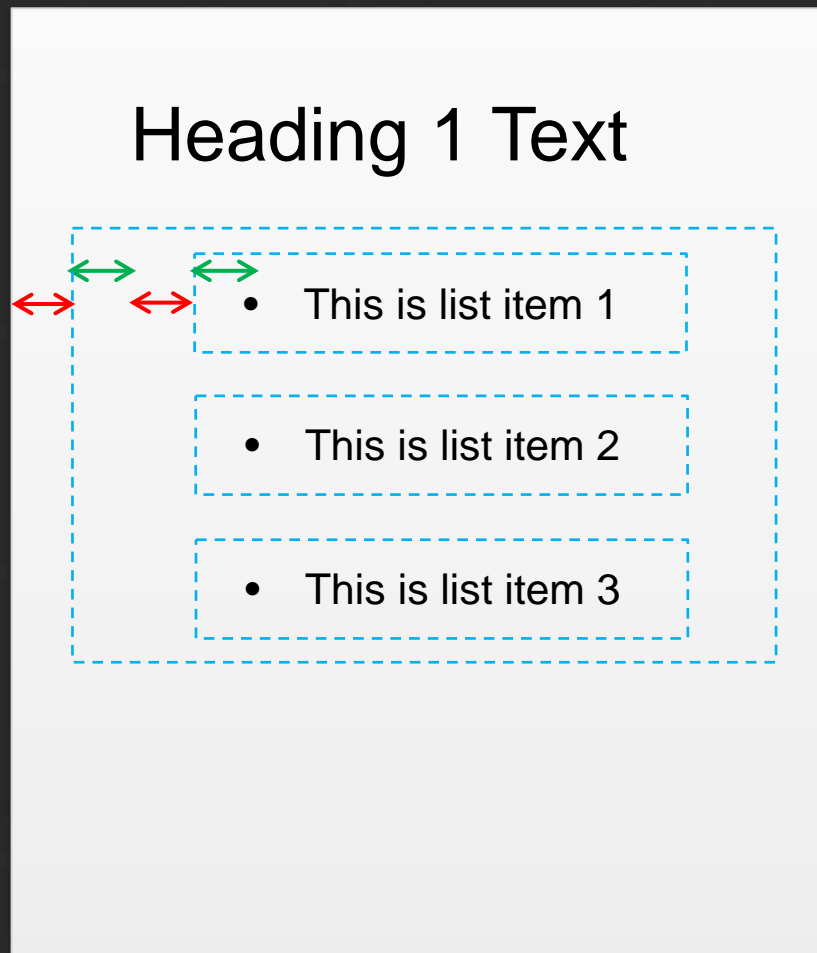
THE BOX MODEL

- There are three primary attributes to the box model
 - » **Border**
 - » **Margin**
 - » **Padding**
- Each can be set in total, or by top, bottom, right, or left



THE BOX MODEL

- Lists have a complex box model
- The UL element is a big box
- The LI elements are the small boxes
- All are subject to Box Model rules



LISTS

TIP: Make the borders visible before adjusting margins or padding!

SUMMARY

- Light review of CSS
- “Note” style creation – Single element
- “Note” style creation – Multi-element
- Simplifying margin/indent control
- List indent control

QUESTIONS

Mike Hamilton

V.P. Product Evangelism at MadCap Software

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Mike Hamilton

V.P. Product Evangelism at MadCap Software

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