COMS 359: Interactive Media



ReviewCSSPreview

Review

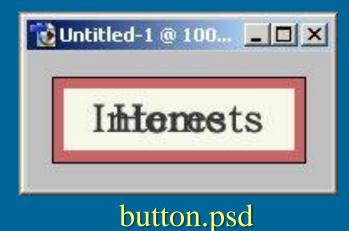
Transparent GIF headline



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JPG buttons



Untitled-1 @ 100... Home button1.jpg

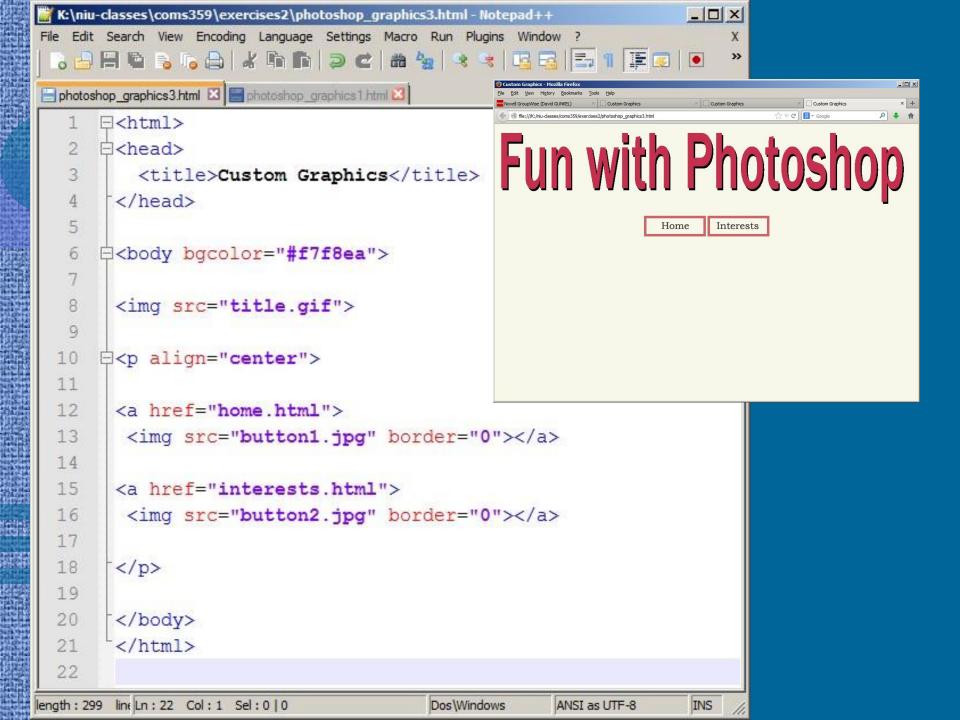


button2.jpg



Insert buttons into web pageMake the buttons hypermedia links

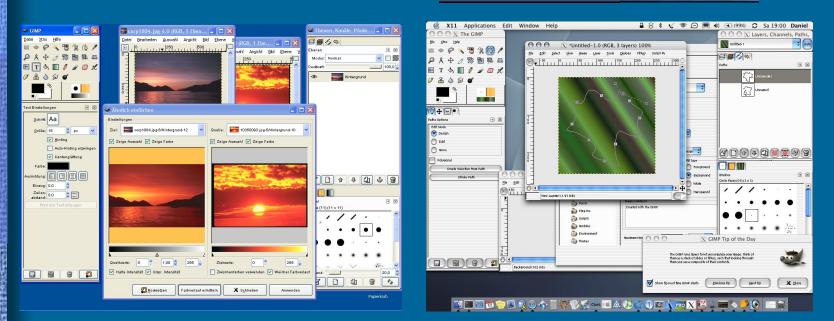
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Review

Alternative to PhotoShop

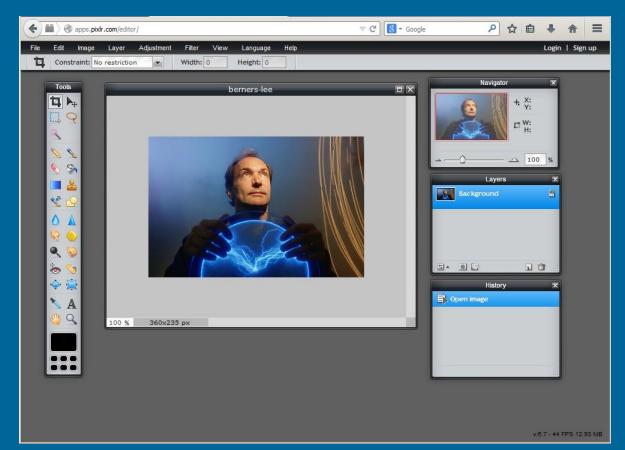
PhotoShop = \$19.99/mo.
GIMP = Free



http://www.gimp.org/downloads/

Review

• Pixlr – Web Application (free)



http://apps.pixlr.com/editor/

Next Step

2 Methods – Tables – CSS

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Fun	with	Photoshop)
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What is CSS?

- *Cascading Style Sheets* (CSS) is a style sheet language used for describing the presentation semantics (the look and formatting) of a document written in a markup language like HTML.
- Provides more flexibility and control in the specification of presentation characteristics, enables multiple pages to share formatting, and reduces complexity and repetition.

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© 2013, Lorem ipsum Chicago, Illinois USA - 773.666.0001 The key to understanding how CSS works is to imagine that there is an invisible box around every HTML element.

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Two kinds of elements: **Block** – Elements that always start a new line <h1>

> Inline – Elements that continue on the same line <i> <u>

Relationships:

Parent – Elements that contains other elements <body>

Child – Elements that are contained by other elements

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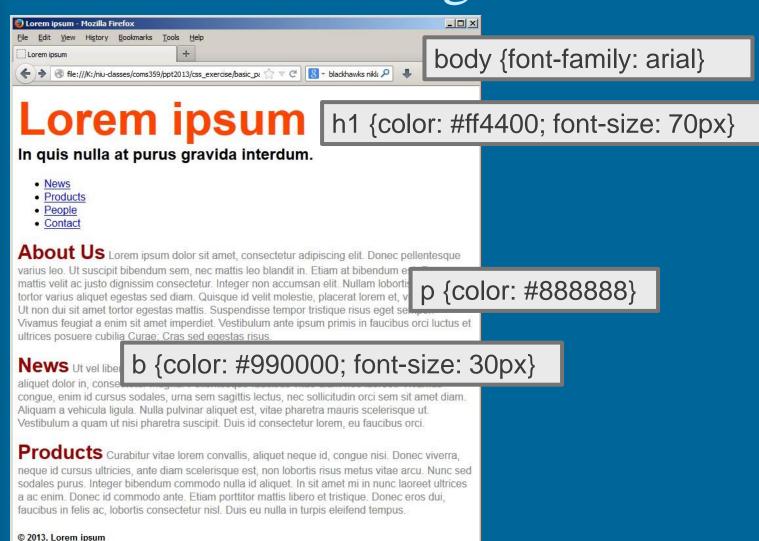
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CSS allow you to create rules that control the way that each individual box (and the contents of that box) is presented

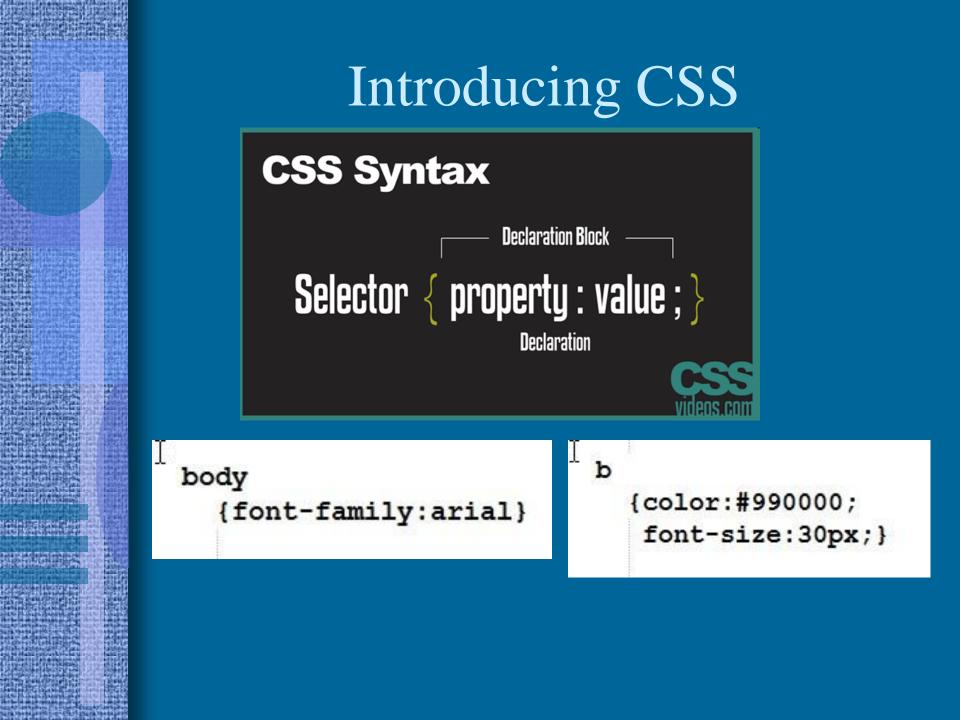
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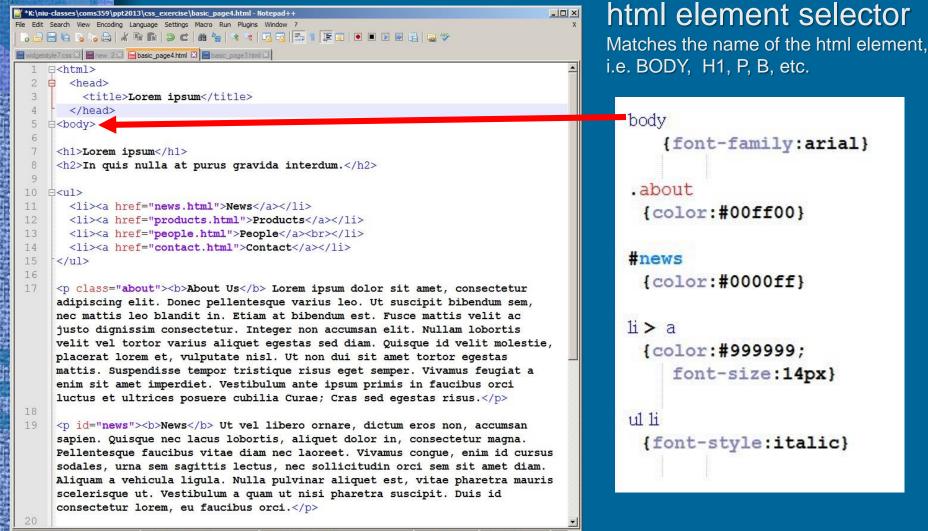
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CSS Selectors

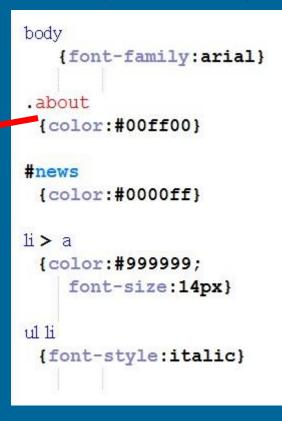


CSS Selectors

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class selector

Matches an element whose class attribute has a value that matches the one specified after the period



*Class names are arbitrary

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CSS Selectors

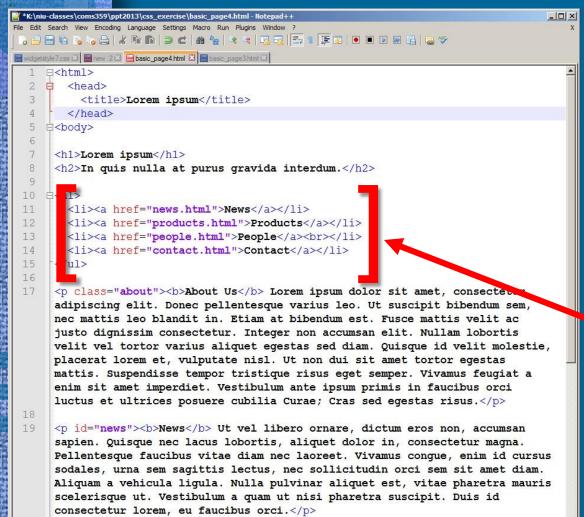
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id selector

Matches an element whose id attribute has a value that matches the one specified after the # sign



CSS Selectors

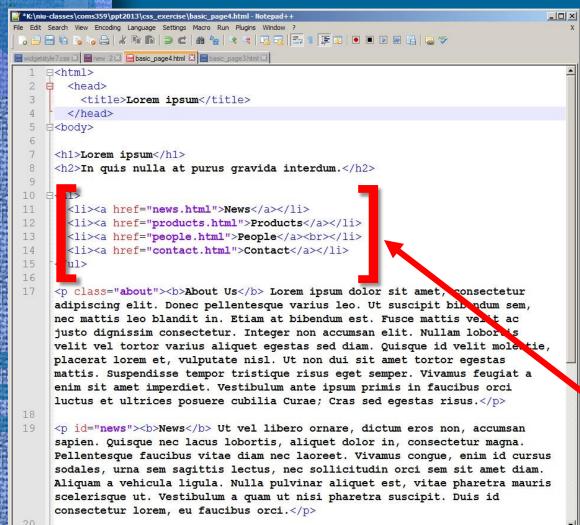


child selector

Matches an element that is the direct child (decendent) of another element.

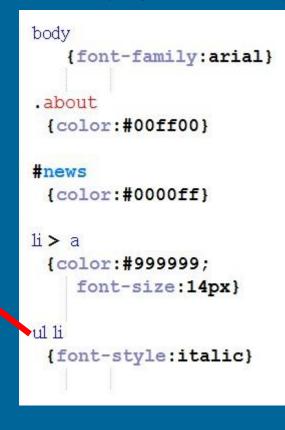


CSS Selectors



descendent selector

Matches an element that is the descendent of another specified element (not just a direct child).



Inheritance:

Properties of the parent element (i.e. <body>) extend to or are inherited by the child elements (i.e.).

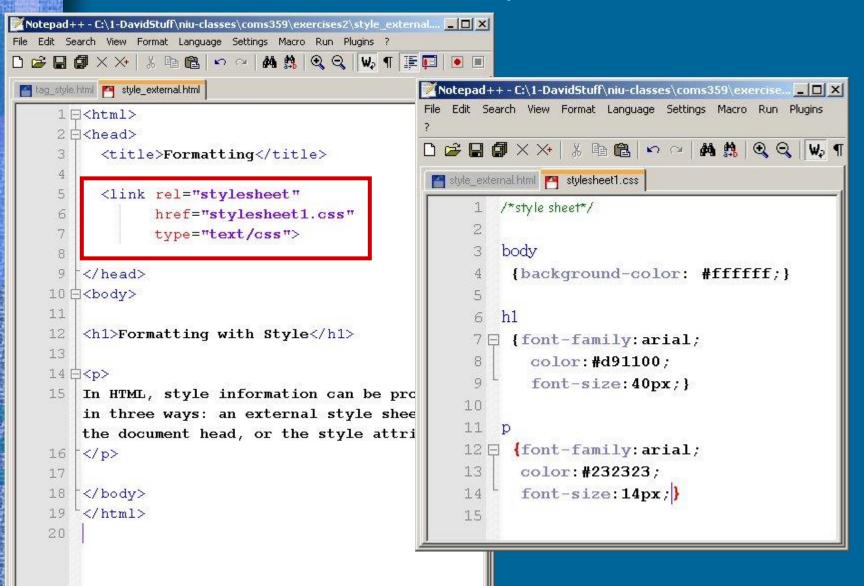
But properties of the child elements do not extend to the parent element.

body {font-family:arial} .about {color:#00ff00} #news {color:#0000ff} li > a{color:#999999; font-size:14px} 111 1i {font-style:italic}

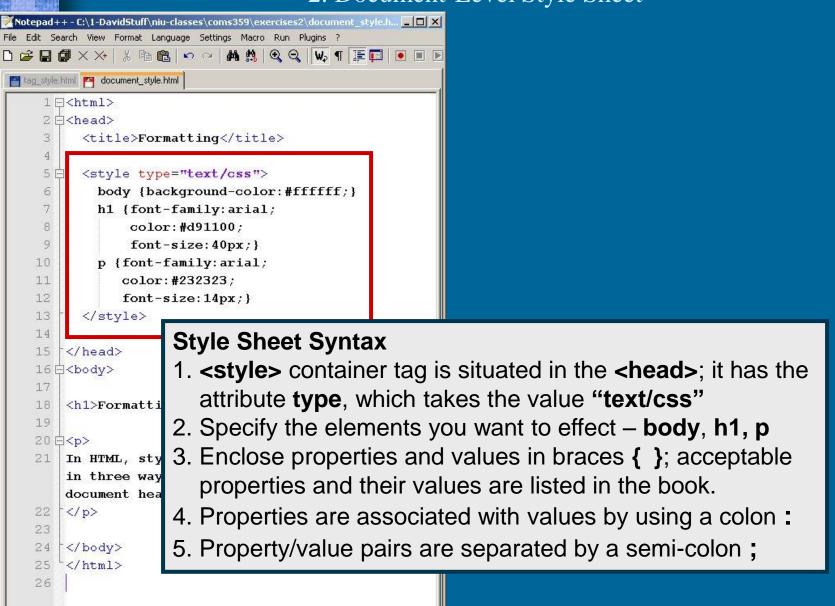
Three locations for style information

- External Style Sheet
- Document-level Style
- style Attribute

1. External Style Sheet



2. Document-Level Style Sheet

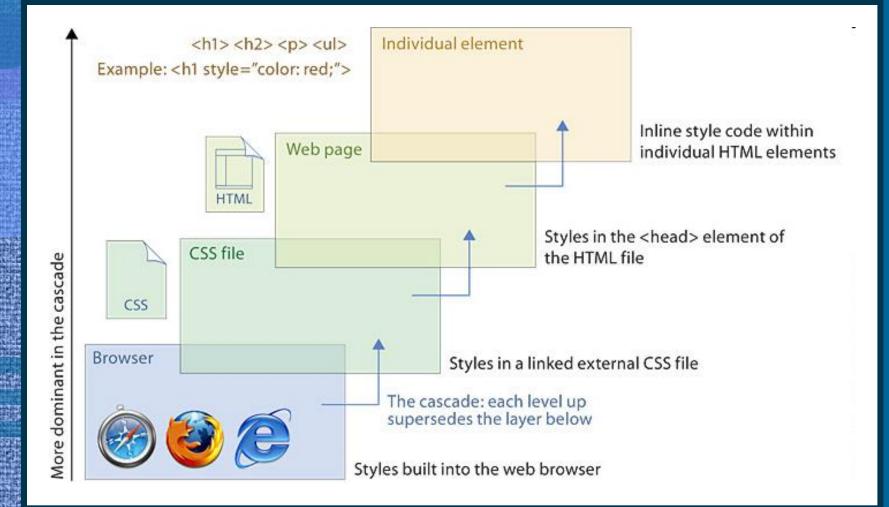


3. Tag-Level Style Attribute

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           Formatting with Style</hl>
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       In HTML, style information can be provided in three ways: an
    11
       external style sheet, the document head, or the style attribute.
      12
      Style Syntax
      1. Add "style" attribute to opening HTML container tag
      2. Attribute is associated with style properties by using "="
      3. Style properties associated with values by using a colon :
      4. Property/value pairs are separated by a semi-colon;
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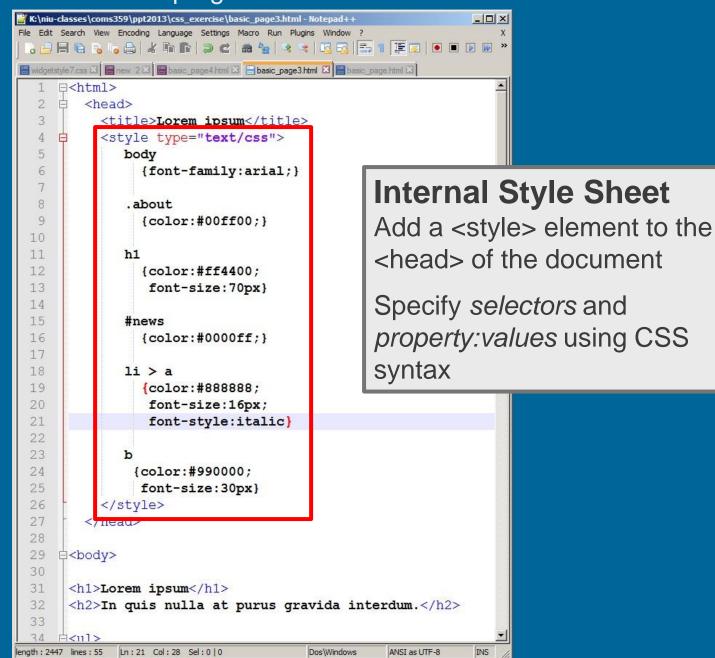
- You can combine all three
 - external style sheets

- document-level style sheets
- tag-level style information
- Different style designations are arranged in a priority or cascading hierarchy
 – cascading style sheets (CSS)



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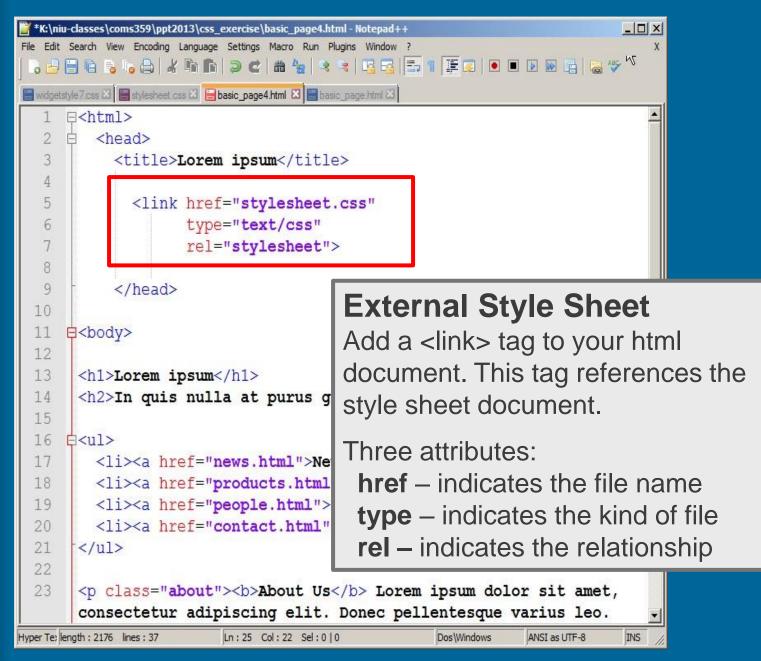
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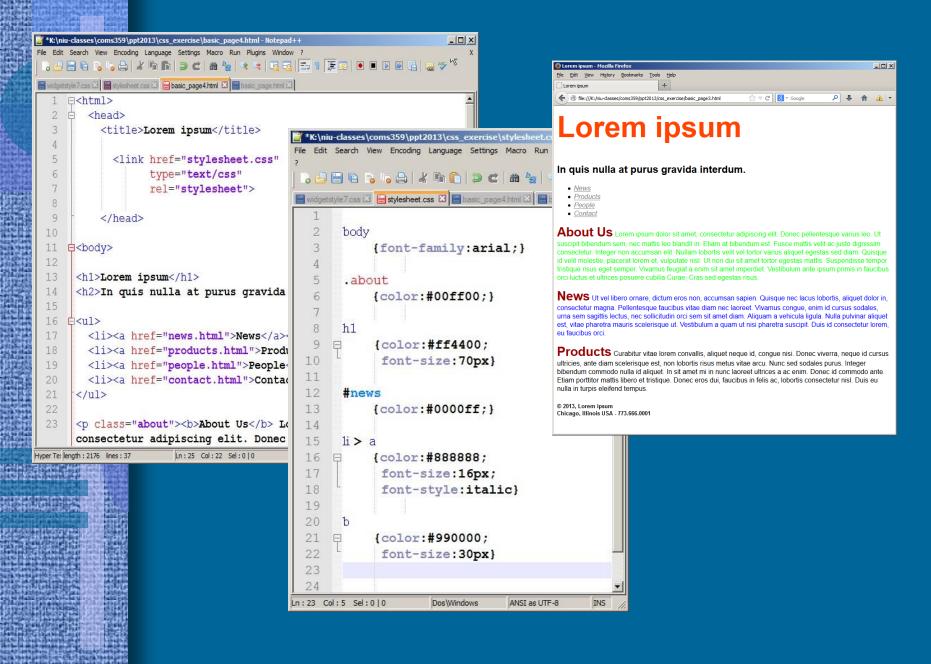
External Style Sheet

Open an new document and paste what you cut.

Save this new document as **stylesheet.css** (save it in the same place as your html document)

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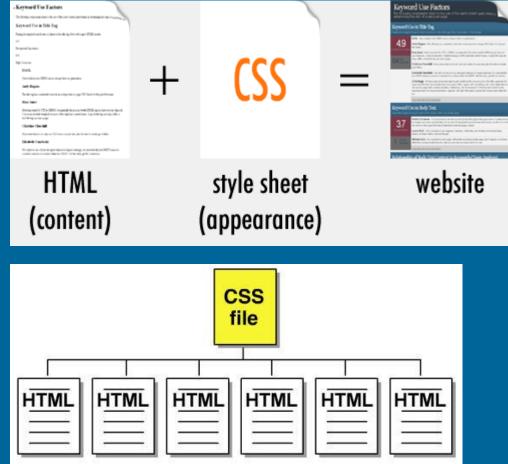


Why use an external style sheet?

Separate content from design

Apply consistent style to multiple pages

Save time; reduce code writing



CSS Boxes

Lorem ipsum

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Bookmarks Tools

Help

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- <u>News</u>
- Products
- People
- Contact

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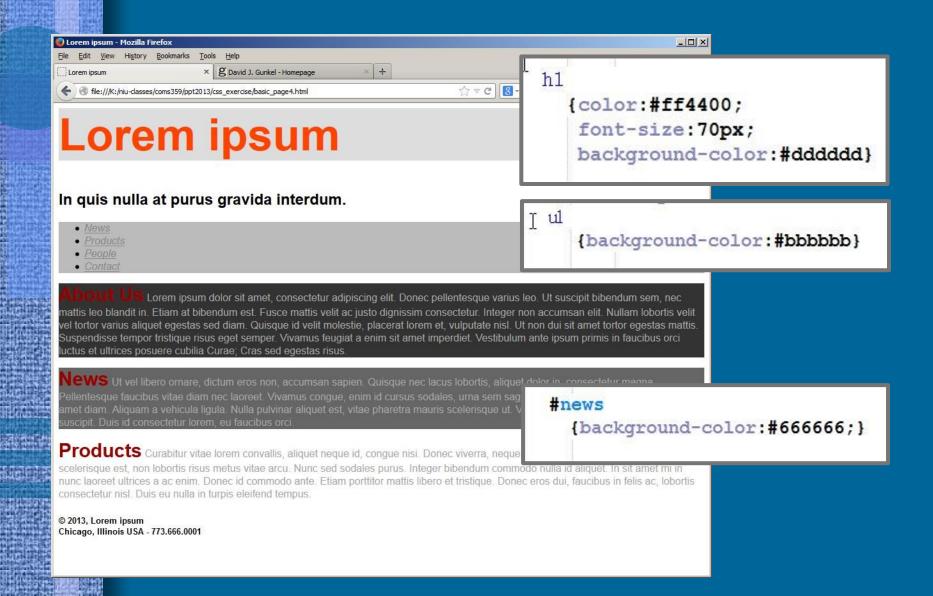
CSS Box Model

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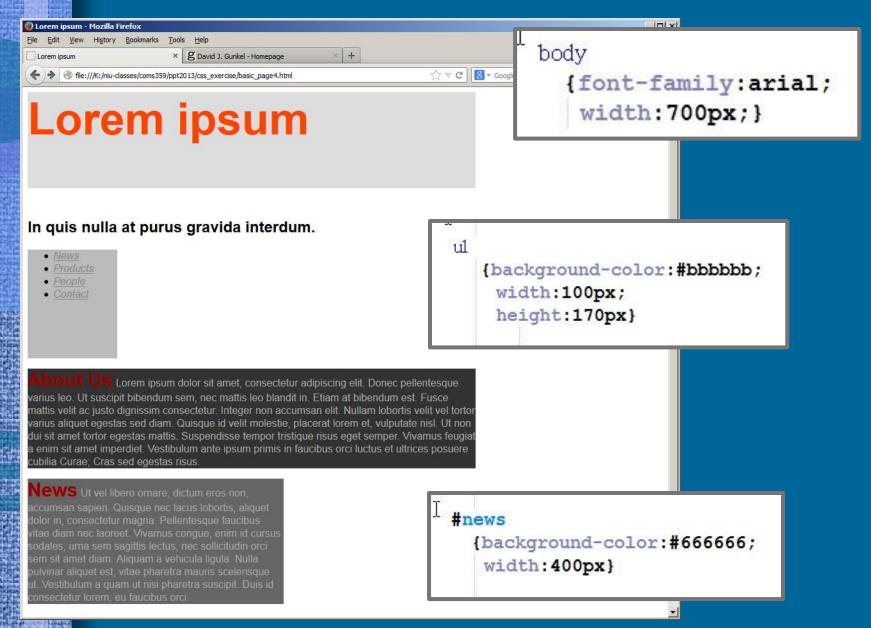
Every html element resides in its own virtual box.

Use CSS to alter the features and appearance of these boxes: width, height, background color, border, margin, padding, etc.

background-color



width & height



min-width & max-width

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• <u>News</u>

Products

<u>People</u>
Contact

Min-width – Specifies the smallest size a box can be displayed when the browser window is narrow

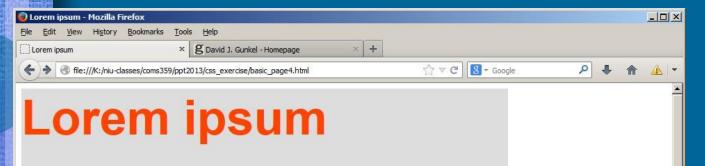
Max-width – Specifies the largest size a box can be displayed when the browser window is wide

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min-height & max-height



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- News
- Products
- <u>People</u>
- <u>Contact</u>

Problem – The min-height of the box is smaller than the contents of the box. So the contents spill outside the box.

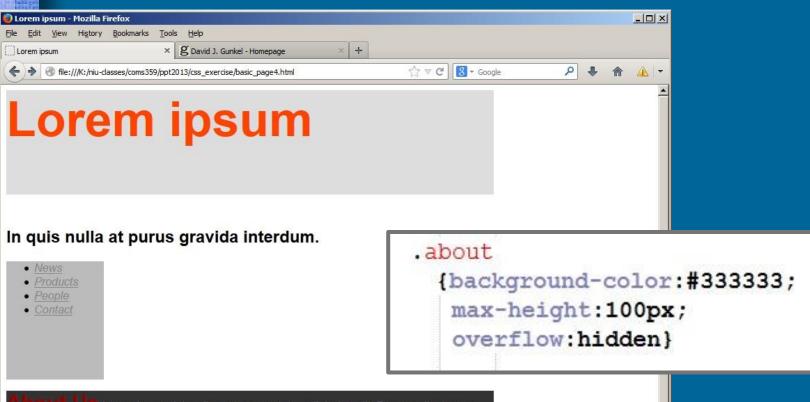
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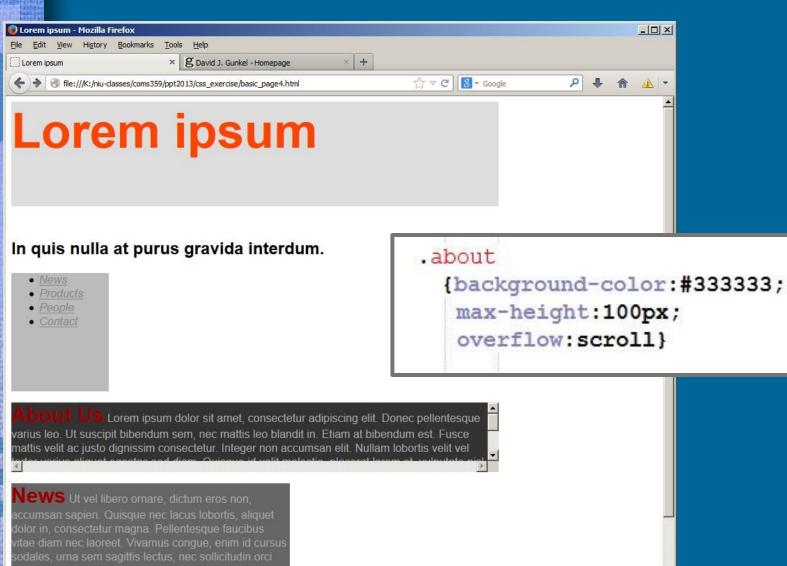
Fix 1 - overflow:hidden

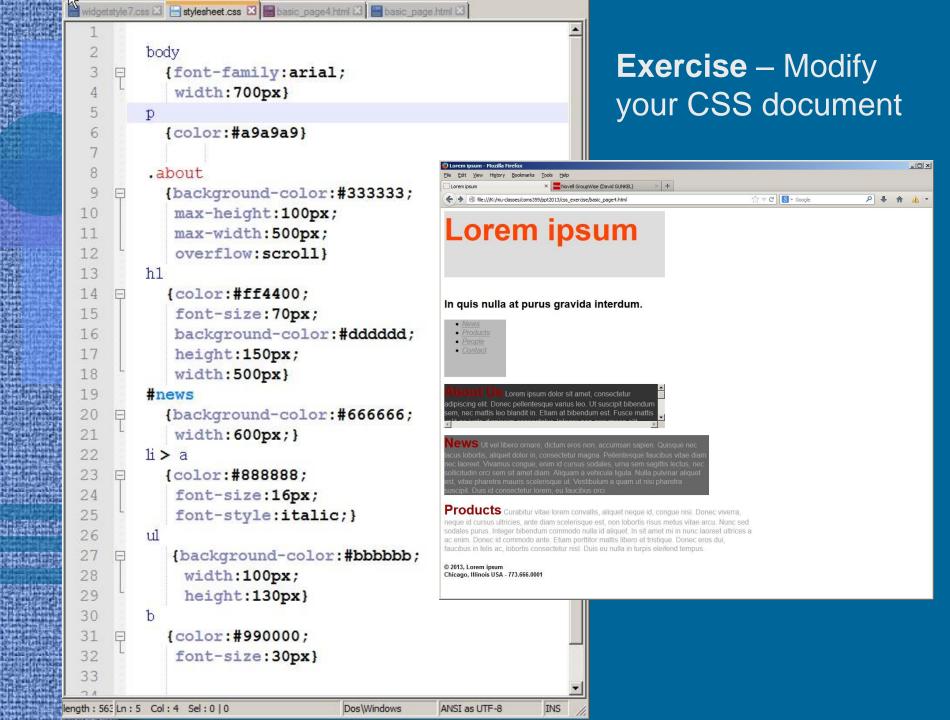


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Fix 2 - overflow:scroll







Continue with CSS – margin, border & padding – CSS layout

