

**Department of Computer Science
City University of Hong Kong
CS2204 Fundamentals of Internet Application Development
Tutorial 6 – Using Styles in Web pages**

LEARNING OUTCOMES:

- Identify and set up different types of styles
- Use validator to check CSS style sheets
- Explain the implication of using different types of styles

1. Format a Web Page by Using Inline Style

Use inline style to format a Web page, which includes randomized typographic filler text.

- Download a text file T6-text1.html from Blackboard
- Open the text1.html file in your HTML editor
- Define inline styles to the <body> element
 - 1em font size
 - Arial, Helvetica, sans-serif font type
- Define inline styles to the first-level heading
 - 1.8em font size
 - #339966 font color
 - 0.2em letter spacing
- Define inline styles to the second-level heading
 - 1.2em font size
 - rgb(207, 168, 36) font color
 - Uppercase characters
- Define inline styles to each paragraph, except the last paragraph
 - 0.9em font size
 - 1.5 line height
- Define inline styles to the last paragraph
 - 0.8em italic font
 - Right text alignment

2. Format a Web Page by Using Embedded Style

Use embedded style to format a Web page, which includes randomized typographic filler text.

- Download a text file T6-text2.html from Blackboard
- Open the text2.html file in your HTML editor
- Apply the same styles, mentioned in the question 1, to the text2.html file
 - Type selectors will be used to define styles to body, first-level and second-level headings
 - Contextual selector will be used to define styles to paragraphs inside divisions
- Use a contextual selector to define styles to paragraphs immediately following a second-level heading
 - Blue font color
- Use an ID or a class selector to define styles to the last paragraph under each heading

- In italic
- Use a type selector to change the appearance of a link
 - No underline (text-decoration)
- Use a pseudo-class selector to change the appearance of a link, with mouse cursor over it
 - Bold font (font-weight)
 - #FF6633 font color

3. Format Multiple Web Pages by Using External Style

Create an external style sheet that define global styles for both text1.html and text2.html files

- Define styles to the <body> element
 - #666666 font color
 - #FFFFFFCC background color
- Define styles to each paragraph
 - Justify text alignment
 - Normal letter spacing
 - Normal line spacing

4. Cascade Order

Download the files T6a.html, T6contextual.css, T6idclass.css, T6attribute.css into the same directory or desktop. Try out the following with both IE and FF:

- add in the style sheets one by one using <link> after the embedded style, study the effect after adding each style sheet
- try change the order of adding the style sheets, e.g. attribute > idclass > contextual, etc.
- after adding all style sheets, add a rule in the embedded style
 - p:hover {color: black;}

Compare the results with what have been stated about specificity in the lecture slides.