

## CGT 141/CPT 141 Lecture 13 Wk 7

### Using Internal Styles with HTML

#### Why use Cascading Stylesheets?

- Saves time
- Easy to change
- Consistency (on page and site)
- Allows more creativity
  - o Can alter line spacing
  - o Background colors
  - o Text formatting
- Common format (separates content from formatting)...allows markup to do what it was intended...identify parts of a document...instead of being used for formatting
  - o Tables are a good example.

#### Ways to apply CSS.

- Inline/Local – nested directly within the opening of the HTML container.
- Internal/Embedded – create a <style> section in the header; applies to entire document
- External/Linked – link external .css (style) document to be used across a site

#### Anatomy of a Style

- selector { property: value }
- Declaration
  - o Property – characteristic to be changed.
  - o Value – the new value to be assigned.
- Example:
  - o h1 {font-family: Arial; font-type: Normal; font-size: 24pt; margin-left: 30px; color: #ff5567 }
  - o Abbreviated:
    - h1 { font: “Arial” Normal 24pt; margin-left: 30px; color: #ff5567 }

## Modifiable Properties (CSS1)

|                                                                              |                                                      |
|------------------------------------------------------------------------------|------------------------------------------------------|
| Text                                                                         | border-top, border-right, border-bottom, border-left |
| font-family                                                                  | border                                               |
| font-style                                                                   | width                                                |
| font-weight                                                                  | height                                               |
| font-size                                                                    | float                                                |
| font                                                                         | clear                                                |
| color                                                                        |                                                      |
| line-height                                                                  | Background                                           |
| word-spacing                                                                 | background-color                                     |
| letter-spacing                                                               | background-image                                     |
| text-decoration                                                              | background-repeat                                    |
| vertical-align                                                               | background-attachment                                |
| text-transform                                                               | background-position                                  |
| text-align                                                                   | background                                           |
| text-indent                                                                  |                                                      |
| Box                                                                          | Classification (categorical)                         |
| margin-top, margin-right, margin-bottom, margin-left                         | display                                              |
| margin                                                                       | white-space                                          |
| padding-top, padding-right, padding-bottom, padding-left                     | list-style-type                                      |
| padding                                                                      | list-style-image                                     |
| border-top-width, border-right-width, border-bottom-width, border-left-width | list-style-position                                  |
| border-width                                                                 | list-style                                           |
| border-color                                                                 | Other                                                |
| border-style                                                                 | position                                             |
|                                                                              | z-index                                              |
|                                                                              | visibility                                           |
|                                                                              | overflow                                             |

## Defining Inline/Local Styles

- Defined by adding style attribute to the opening of an HTML tag.
- Redefines the specified attributes for the tag.
- Example:  
`<h1 style="font-family: Arial">This is Arial font.</h1>`