

**HTML + CSS**

level 1

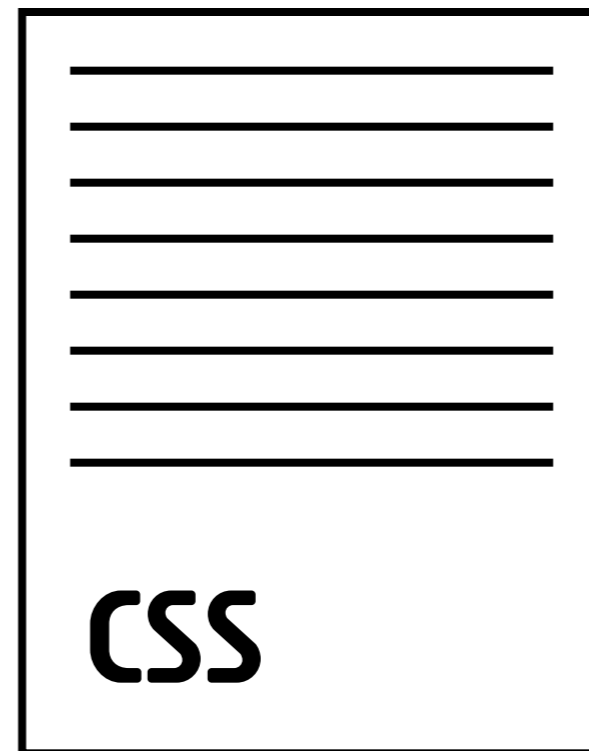
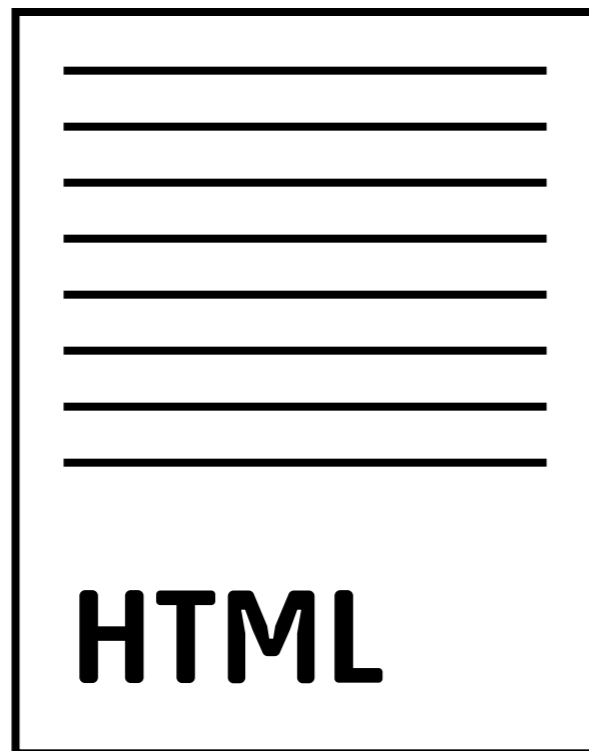
# Week 5 Topics

- **Review**
- CSS Rollover Navigation
- Getting onto the Web
- Considerations for the Web

*Content*

Markup

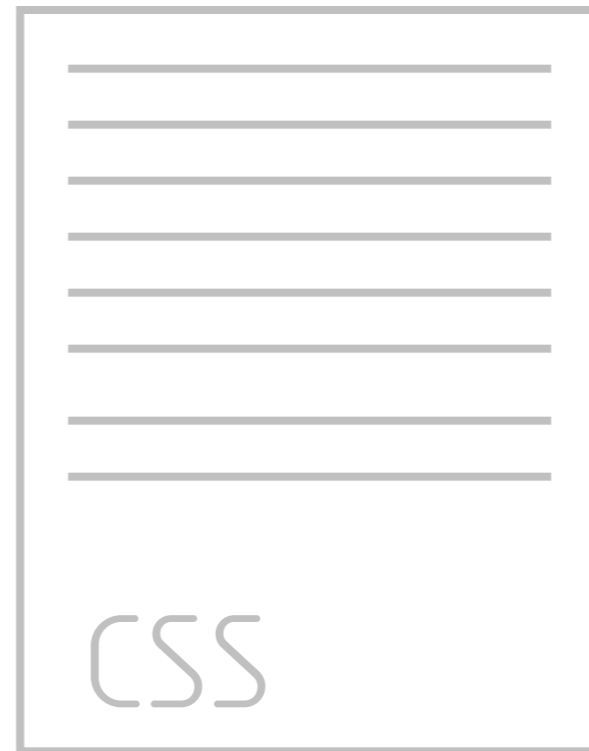
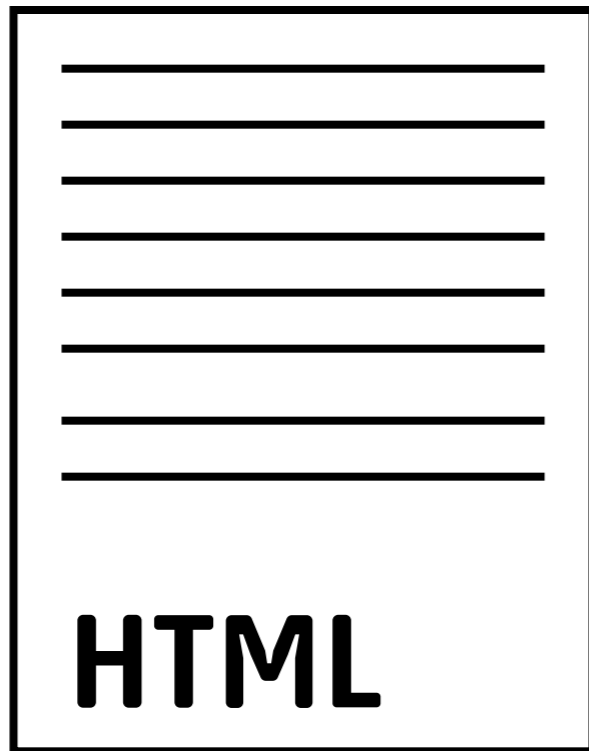
Style!



*Content*

Markup

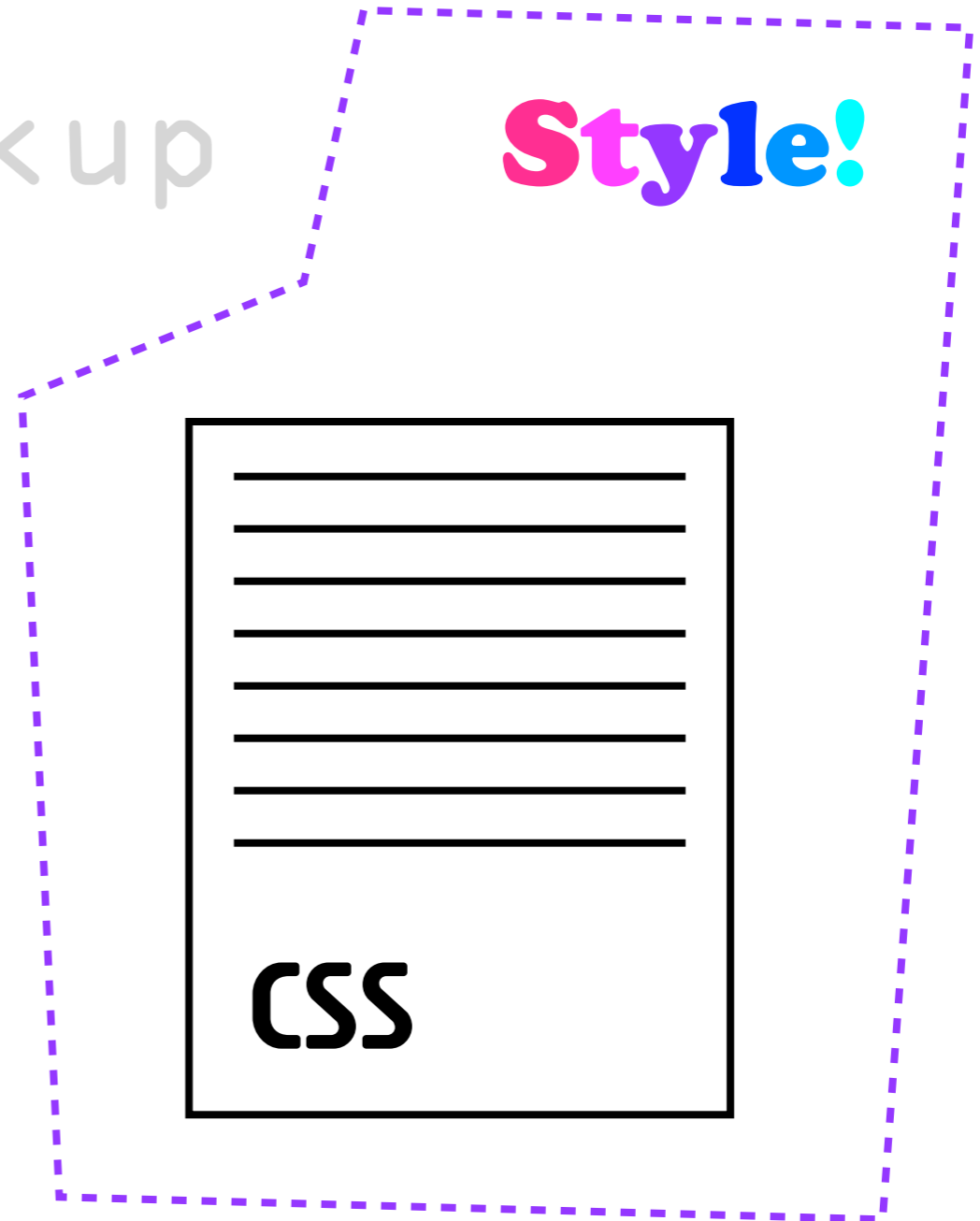
**Style!**



*Content*

Markup

**Style!**



# HTML Syntax

`<tag />`

`<tag>content</tag>`

`<tag attribute="value">content</tag>`

# CSS Syntax

```
selector { property: value; }
```

```
selector {  
    property1: value;  
    property2: value;  
}
```

# CSS Selectors

*HTML element selectors*

***h1, strong, a ...***

*Pseudo-class selectors*

***:hover, :active, :visited ...***

*Descendent selectors (space separated)*

***parentElement childElement***

# CSS Selectors

*Class selectors*

***.className***

*ID selectors*

***#idName***

# HTML `<div>` & `<span>`

## `<div>`

Block-level blank element

Divides page into block-level pieces

## `<span>`

Inline blank element

Wraps around inline text to allow styling

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# **What is a Web Server?**

A computer that holds and serves webpages on the World Wide Web.

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Uploading your webpages to a web server allows them to be accessible on the World Wide Web.

# **File Transfer Protocol**

A method of putting files onto (and getting files from) a web server.

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You will use FTP to upload your webpages to make them available on the World Wide Web.

# File Transfer Protocol

To upload your webpages using FTP, you will need:

- An FTP client application
- A web server to upload the files to
- Login info for that web server

# File Transfer Protocol

## Example FTP Clients

- Dreamweaver (All platforms, **\$\$\$**)
- FileZilla (All platforms, **FREE!**)
- CyberDuck (Mac, **FREE!**)
- Transmit (Mac, **\$34**)

# **Web hosting**

Purchasing web hosting is the easiest way to get access to a web server.

Web hosts are companies that lease space on their web servers for you to get your webpages online.

# Web hosting

Example web hosting companies

- **Hostgator.com** (\$5/mo)
- **Bluehost.com** (\$7/mo)
- **NearlyFreeSpeech.net** (pay as you go)

# Web hosting

Info you'll need to upload files via FTP:

- **Host-name / server address**

e.g., <ftp://my-web-server.com>

- **Username**

- **Password**

# FTP Info for You to Try

Host-name <ftp://ftp.sccottt.com>

Username [\*html-css@sccottt.com\*](mailto:html-css@sccottt.com)

Password *svc2010*

Your pages will appear at

[http://facehugs.com/html+css/\\*](http://facehugs.com/html+css/)

# Website Maintenance

- Keep a local copy of all the files for your website
- Update the local files on your computer
- Upload and overwrite files on the web server via FTP as needed

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# **Browser Compatibility**

Not all browsers render pages the same.

Always test your website on multiple browsers and operating systems.

# Browser Compatibility

<http://quirksmode.org>

Nice chart of supported standards of different browsers

<http://browsershots.org/>

View screenshots of your webpage in different browsers

# Screen/Browser sizes

**96%** web users at **1024 x 768** or above screen resolution.

Typical safe area: **960 wide** x 600 tall

[http://www.designerstoolbox.com/  
designresources/safearea](http://www.designerstoolbox.com/designresources/safearea)

## File size

Bigger concern before broadband internet became prevalent

**Crop your images first** and you should be fine with file-size

# **Analytics**

See information about who is visiting your website and how they got there.

<http://google.com/analytics>

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# Course Evaluations

<http://svcseattle.com/evaluation>