HTML

Week 2 - IST 263

WEEK I LEARNING OUTCOMES

- Describe the World Wide Web
- Explain how the web works
- Memorize the key components

TODAY'S AGENDA

- Intro. to HTML
- Writing and Viewing HTML
- Git, GitHub & Homework

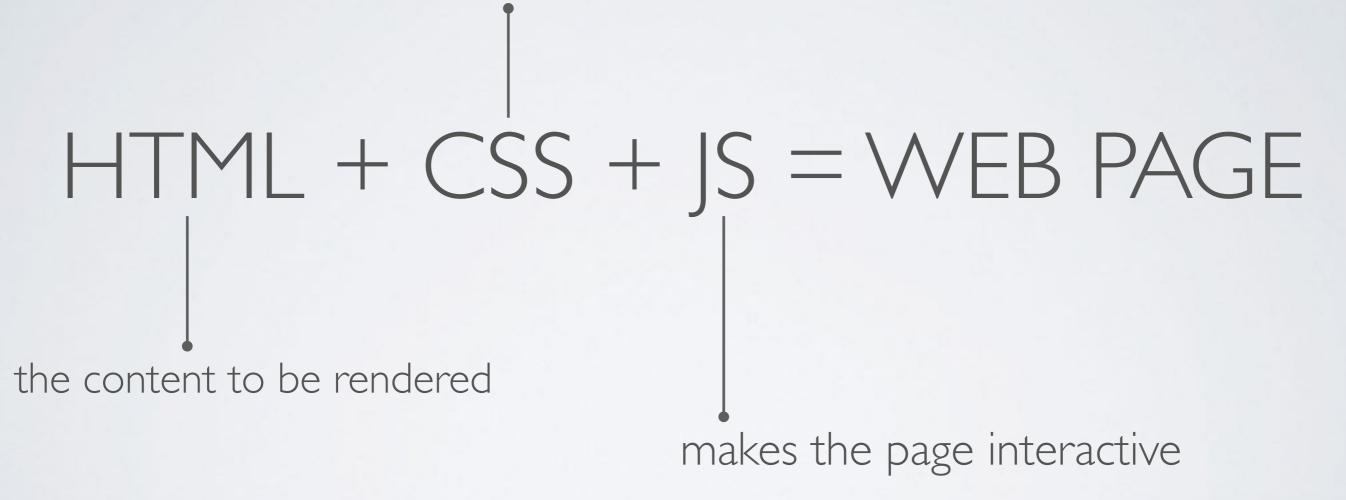
FAVORITE WEBSITES

http://what-if.xkcd.com/

https://www.reddit.com/

Cornerstone technologies for the WWW

describes how the content should be rendered



WHAT IS HTML?

HyperText Markup Language

- Standard markup language for creating web pages
- Generated by the web server
- Transmitted via HTTP
- Rendered by a web browser

Sample HTML5

```
<!doctype html>
<html lang="en">
 <head>
     <title>IST 263</title>
 </head>
 <body>
     Hello World !!!
 </body>
</html>
```

HTML - COMPONENTS

- Doc Type
- Tags
- Elements
- Attributes

```
<!doctype html>
<html lang="en">
 <head>
     <title>IST 263</title>
 </head>
 <body>
     Hello World !!!
 </body>
</html>
```

HTML ELEMENT PROPERTIES

- Tree structure
- Only I HTML, HEAD and BODY Element
- · Other elements can be repeated
- Start and end tags
- Formatting

HTML - Recap

```
<!doctype html>
<html lang="en">
 <head>
     <title>IST 263</title>
 </head>
 <body>
     Hello World !!!
 </body>
</html>
```

GROUP ACTIVITY

INDIVIDUAL ACTIVITY

- Create an HTML file called 'my-classes.html'
- Change the title of the page to '<your name>'
- List the classes you are taking. For each class
 - Add course name, instructor name
 - A short description
 - Use appropriate tags
- Save and view it in your browser
- Commit to GitHub

Github & Collaboration

GIT & GITHUB

- All homework & project has to be submitted via GitHub
- GIT is not the same as GITHUB
- What is GIT?

 git is a program running on your computer that helps with SCM
- What is GitHub?

This is a service that is running on a remote server at github.com

SUBMITTING HOMEWORK

- Repository
- Pull from GitHub
- Commit to Git
- Push to GitHub

MORE HTML

After break

COMPUTER SETUP & GITHUB