

Intro to Web Design and Development, Class 1

Introductions, HTML

Lesson Objectives

- Students should be able to create an HTML page and open it in a browser
- Students can identify common HTML elements and use them to structure content

Schedule

Part 1 - Overview/Introduction

1. Instructors - Nicole Bieber (nicolethe nerd@gmail.com),
Zach Feldman (zachfeldman@gmail.com)
2. Course Overview
3. Class Expectations
 - a. Homework - required + recommended activity
 - b. Quizzes - quick ~(5-10 min) quizzes every Thursday

Part 2 - Intro to Websites

1. How the internet works
2. Parts of a website
 - a. HTML - content
 - b. CSS - layout
 - c. JavaScript - client-side behavior
 - d. Ruby on Rails - server-side behavior

Part 3 - HTML

1. HTML Syntax (see <http://www.w3schools.com/tags/> for reference)
2. Your first webpage - create a file in Sublime Text and open it in a browser

Homework

Assignment

1. Watch How the Internet Works in 5 Minutes -
https://www.youtube.com/watch?v=7_LPdttKXPc
2. Create a web site with at least three pages (that is, 3 separate HTML files)
 - a. Pages should contain both paragraph `<p>` and heading `<h1>`, `<h2>`, `<h3>` . . . text.
 - b. Create hyperlinks so it is possible to navigate to each page
 - c. Include at least one image

Use <http://www.w3schools.com/tags/> as a reference

3. If you don't already have one, please sign up for an account on github.com for Thursday

Recommended Activities/Resources

CodeAcademy - <http://www.codecademy.com/tracks/web> - HTML Lessons

A Beginner's Guide to HTML and CSS - <http://learn.shayhowe.com/html-css/> - Read Lesson 1