1. Intro to JavaScript

Julia and James = instructors. JavaScript is the final piece of the web designer puzzle. Opportunities are endless.

1. History of JavaScript

JavaScript was created in just 10 days by Brendan Eich in 1995 while working on Netscape Navigator. JavaScript is totally different and not related to Java. LiveScript 🡪 JavaScript, then standards were formed. ECMAScript (ES5 or ES6) now (ES2016 or ES 2017) for more consistent releases. JavaScript is considered one of the 3 fundamental pillars of web development.

HTML and CSS are markup languages. Markup languages are used to describe and define elements within a document. JavaScript is a programming language. Programming languages are used to communicate instructions to a machine. Programming languages can be used to control the behavior of a machine and to express algorithms.

1. The JavaScript Console

<https://developers.google.com/web/tools/chrome-devtools/shortcuts>

1. Developer Tools on Different Browsers

Google Chrome and Mozilla Firefox = Ctrl + Shift + i

1. console.log

Dev tools are often used as a sandbox. A place to mess around with code without any long-term consequences.

console.log("hiya friend!");

Prints: "hiya friend!"

for (var i = 0; i < 10; i++) {

console.log(i);

}

This is called a loop. I love loops!

1. JavaScript Demo

<https://daringfireball.net/projects/markdown/>

1. Lesson 1 Summary

All major browsers come with built in JavaScript Engines, allowing them to run and execute JS code.

JavaScript console print strings and execute code on the fly.

Powerful.