

Lesson 10 – Java Script

Java Script is a powerful add-on to the web. Java Script was invented by Netscape. Do not confuse it with JAVA which was invented by Sun Microsystems. JAVA is a programming language for creating computer programs. Java Script is an add-on to help a web browser do more than it was designed to do.

Ever rolled your cursor over a picture on a web page and have it highlight or even change? That is java script. Filled out a form and hit submit and it pops up a box to tell you that you did something wrong? That is java script.

In this lesson you will get a brief overview of Java Script. Java Script could take a whole semester to learn. And since we only have a week or less, well we will cover some of the basics.

- You will learn what Java Script is
- You will learn how to use the many free Java Scripts out there on the web.
- You will learn a few of the basic javascript commands

Readings

Day 13 & 14

[Sams Teach Yourself Web Publishing with HTML and XHTML in 21 Days.](#)

ISBN 0-672-32519-5

Elements & Tags

<script>

var

Function

Activities

This lesson has three parts and is worth 20 points.

Part 1 (5 points)

Work through and build the Random Link Generator in the first part of Day 14. Your final product should be something like the listing 14.3. However you should have 5 links, and your linktext should contain websites that you like. Save your linkgenerator as randomgen.html.

Part 2 (10 points)

Using the Form you built for lesson 8, use JavaScript to validate at least three of the fields. You can use the examples and information gleaned from Day 14 starting on page 437 for this. Save this as fromvalidator.html.

Part 3 (5 points)

Using one of the free resources for JavaScript on the web, find a javascript and build a simple web page to demonstrate what it does. A list of free javascript resources can be found by doing a Google or other search for "free javascripts." There are a couple of sites listed in the resource section below. Save this file as javascript.html.

Resources

[JavaScript Kit](#)

[Free JavaScripts](#)

[JavaScript City](#)