Web Design Essentials: Basic Coding

Vancouver Public Library
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Lynda.com: vpl.ca/lynda

Learning Express Library: vpl.ca/digital-library/learning-express-library

VPL Research Guides: guides.vpl.ca
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We are here to help!

604-331-3603
info@vpl.ca
Today We Will Learn How To . . .

- Identify the how webpages are built with coding
- Recognize HTML tags, CSS style sheets, and JavaScript language, and their effects
- Understand and apply appropriate basic coding to manipulate information on a webpage
The 3 Core Languages

HTML, CSS, JavaScript Explained // fast 4 minute summary (with LEGO)
What is HTML?

- **Hyper Text Markup Language**
- Provides the content/structure for webpages
- Labels content: heading, paragraph, etc.
The Importance of HTML

From: HTML Essential Training

Contents

Introduction

Welcome
1m

Using the exercise files
1m 8s

Using the challenges
42s

1. Introducing HTML

The importance of HTML
3m 20s

Basic HTML syntax
8m 42s

The current state of HTML
5m 54s

HTML resources
5m 28s

Choosing a code editor
5m 11s
Let’s Practice!

Google search for "w3schools html".

- **HTML Basic**
  - Introduction
  - Try it Yourself

- **HTML Examples**
  - HTML5
  - HTML Tables

- **W3Schools Online Web Tutorials**
  - How Build a Web Site - W3Schools
  - HTML Reference - W3Schools
What is CSS?

• **Cascading Style Sheets**
• Controls the look and feel of website
• Can apply ‘styles’ to multiple web pages or a repeating aspect within a webpage, such as font
• [More](#) (video)
What is JavaScript?
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Did We Learn How To . . . ?

• Identify the ways that code underlies how the web is built and changed.
• Recognize basic HTML tags, CSS style sheets, and JavaScript language, and their effects.
• Understand and apply appropriate basic coding to manipulate and display information & data on the web.