



Foundations

Overview

This is where it all begins! A hands-on introduction to all of the essential tools you'll need to build real, working websites. You'll learn what web developers actually do – the foundations you'll need for later courses.

Introduction

This section will introduce you to the world of web development and The Odin Project.

1. How this Course Will Work
2. Introduction to Web Development
3. Motivation and Mindset
4. Asking For Help
5. Join the Odin Community

Prerequisites

In this section you'll acquire the baseline knowledge before getting into programming. Additionally, you'll configure your development environment and install some software necessary for web development.

1. Computer Basics

2. How Does the Web Work?

3. Installation Overview

4. Installations

5. Text Editors

6. Command Line Basics

7. Setting Up Git

Git Basics

In this section you will learn the basics of Git and how you can upload your future projects to GitHub so you can share your work and collaborate with others on projects easily.

1. Introduction to Git

2. Git Basics

HTML Foundations

Learn the foundations of HTML, a fundamental building block of everything on the web.

1. Introduction to HTML and CSS

2. Elements and Tags

3. HTML Boilerplate

4. Working with Text

5. Lists

6. Links and Images

7. Commit Messages

8. **Project: Recipes**

CSS Foundations

Learn how to make your HTML look the way you want by adding styles with CSS.

1. CSS Foundations

2. Inspecting HTML and CSS

3. The Box Model

4. Block and Inline

Flexbox

Learn how to put things exactly where you want them on your web projects using flexbox.

1. Introduction to Flexbox

2. Growing and Shrinking

3. Axes

4. Alignment

5. **Project: Landing Page**

JavaScript Basics

Here we finally dig into JavaScript and learn how to make the web dynamic.

1. Fundamentals Part 1

2. Fundamentals Part 2

3. JavaScript Developer Tools

4. Fundamentals Part 3

5. Problem Solving

6. Understanding Errors

7. **Project: Rock Paper Scissors**

8. Clean Code

9. Installing Node.js

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10. Fundamentals Part 4

11. DOM Manipulation and Events

12. Revisiting Rock Paper Scissors

13. **Project: Etch-a-Sketch**

14. Fundamentals Part 5

15. **Project: Calculator**

The Back End

Here you'll learn about the back end, where we'll demystify what goes on behind the scenes on a web server.

1. Introduction to the Back End

2. Introduction to Frameworks

Conclusion

Now that you've had a healthy taste of the basics of web development, it's time to choose what specialty path you would like to take.

1. Choose Your Path Forward