Comit

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Introduction to programming

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Course syllabus

Introduction to programming

Module 1

About me (intro)

What you’ll need, but not required..

How to get help?

In this course (What you’ll learn)

History of the internet

How does the internet work?

How does the internet work (cont)

What happens when you surf the internet?

What project do you want to make?

Let’s get started, Question and answer period!

Module 2

Intro to html

What is an html tag?

What we will build?

What is a html boilerplate?

Anatomy of HTML

HTML Lists

HTML image elements

HTML Links and Anchor tags

Module 3

User experience

Website layout

Folder topology

Planning out your site

Intro to CSS

Inline CSS

Internal CSS

External CSS

Debugging CSS

Module 4

HTML DIV’s

The box model

Static, Relative and Absolute positioning

Centring elements with CSS

Basic concepts of Flexbox

Intro to Bootstrap

Module 5

Intro to Javascript ES6

Naming conventions

Adding JavaScript to a webpage

Variables

String concatenation

Basic Arithmetic and Modulo operator

Creating and calling Functions

Parameters and arguments

Module 6

Control statements using If-Else Conditionals and Logic

Conditional ternary operators

Comparators and Equality

Combining Comparators

Working with Arrays

While loops

For loops

The DOM

Module 7

The BOM

Selecting HTML elements with Javascript

Changing HTML with Javascript

Manipulating Text and content property

Manipulating HTML elements

Intro to JQuery

How to add JQuery to websites

Selecting elements with JQuery

Manipulating Styles and text with JQuery

Adding Event listeners with JQuery

Module 8

Starting your project

Using Replit

Back to Bootstrap

Introduction to React and other frameworks

Other online platforms