

Computer programming

Unit: Intro to HTML/CSS: Making webpages

Lessons

Intro to HTML

Intro to CSS



More HTML tags

Projects completed



Project: Event invite

11 days ago



Project: Blog

12 days ago



Project: Recipe book

21 days ago



Project: Travel webpage

22 days ago

Intro to HTML

Learn what HTML is and how to make a webpage with marked up text and images.

Learn

- Welcome to the web!
- HTML basics
- Quick tip: HTML tags
- Challenge: Write a Poem
- HTML: Text emphasis
- Challenge: You can learn text tags
- HTML: Lists
- Challenge: Wishlist
- HTML: Images
- Challenge: A picture-perfect trip

Intro to CSS

Learn how to write simple CSS rules, to select based on element, class, or ID, and change the colors of your page.

Learn

- CSS Basics
- Quick tip: Selecting by tag name
- Challenge: Colorful creature
- CSS: Selecting by id
- Challenge: Seasonal ids
- CSS: Selecting by class
- Challenge: Apples and bananas classes
- Project: Travel webpage

Practice

Using simple CSS selectors

100%

October 20th

More HTML tags

Learn how to make links, tables, and comments.

Learn

- HTML links
- Challenge: Links for learning
- HTML internal links
- Challenge: Jump around
- HTML tables
- Challenge: The dinner table
- HTML comments
- Project: Recipe book

CSS text properties

Learn how to style your text, like font families, size, spacing, and alignment.

Learn

- CSS Zen Garden
- CSS font-family property
- Challenge: Fancy font families
- CSS font-size property
- Challenge: Great big font sizes
- CSS font styles and shorthand
- Challenge: Famous font formats
- More CSS text properties
- CSS inheritance
- Project: Blog

Practice

Using CSS text properties

100%

October 30th

Web development tools

Learn how to use other editors to develop your web pages and how to use the browser developer tools to debug your webpages.

Learn

- Using the browser developer tools
- Developing webpages outside of Khan Academy
- Hosting your website on a server
- Hosting your website on Github

CSS layout

Learn how to use the HTML span and div elements with CSS properties like position and float to change the layout of your webpages.

Learn

- CSS grouping elements
- Challenge: Group the groupers
- CSS width, height, and overflow
- Challenge: The overflowing ocean
- CSS box model
- Challenge: The boxer model
- CSS position
- Challenge: Position planet
- CSS in the wild: Google Maps
- CSS floating elements
- Challenge: Floating clouds
- Planning your webpage
- Project: Event invite

Practice

Using CSS layout properties

100%

October 31st

More CSS selectors

Learn more complex selectors- using multiple classes, combining elements with classes, descendant selectors, grouped selectors, and dynamic pseudo-classes.

Learn

- Using multiple CSS classes
- Challenge: A classy gallery
- Combining CSS class and element selectors
- Challenge: Classes of elements
- CSS descendant selectors
- Challenge: Descendants of Khan
- Grouping CSS selectors
- CSS dynamic pseudo-classes
- Challenge: Grouped animals
- CSS specificity

Practice

CSS specificity rules

100%

November 1st

Other ways to embed CSS

Learn how to use inline styles and external stylesheets, two more ways to bring CSS into your webpage.

Learn

- Using inline CSS styles
- Using external stylesheets

Further learning

What can you do to keep learning HTML and CSS?

Learn

- Webpage design
- HTML validation
- What to learn next

Practice

Validating HTML

100%

November 2nd

About this unit

Learn how to use HTML and CSS to make webpages. HTML is the markup language that you surround content with, to tell browsers about headings, lists, tables, etc. CSS is the stylesheet language that you style the page with, to tell browsers to change the color, font, layout, and more.

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