

Software Development

Advanced CSS

Module 02

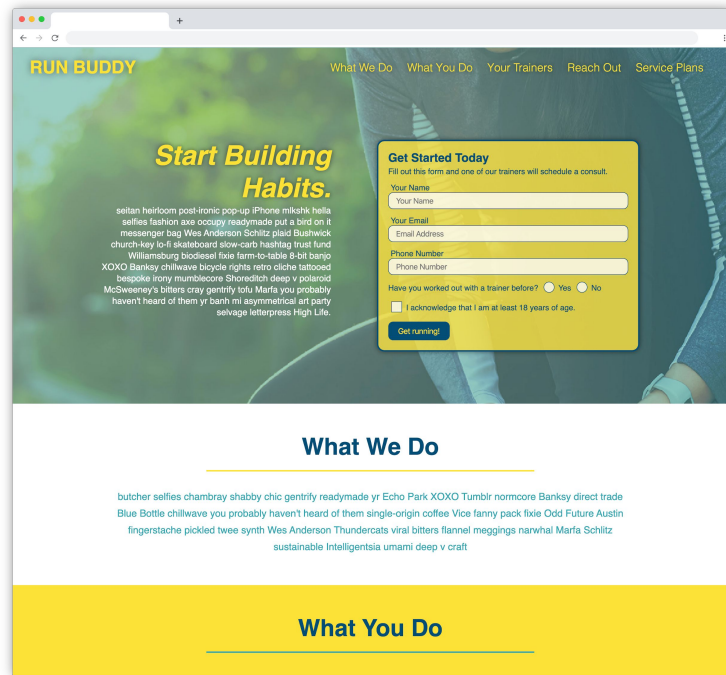
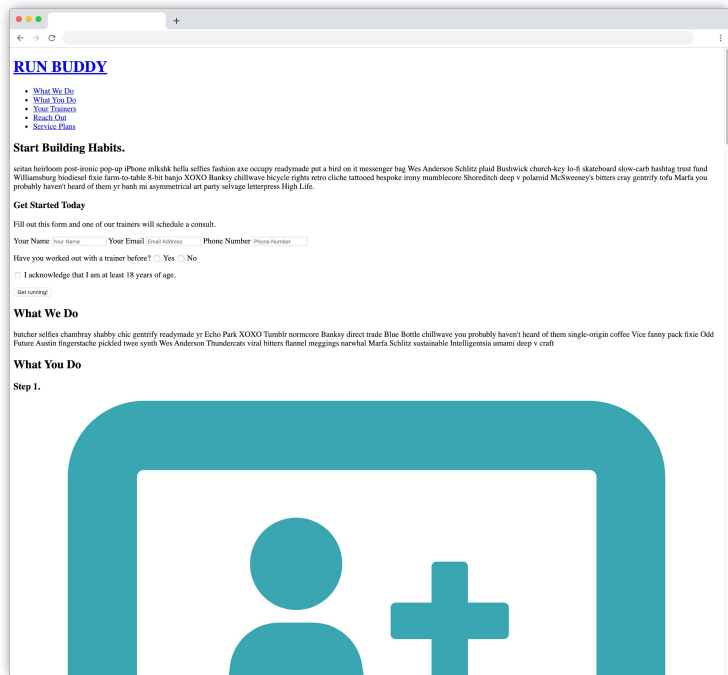


Why do we use CSS?



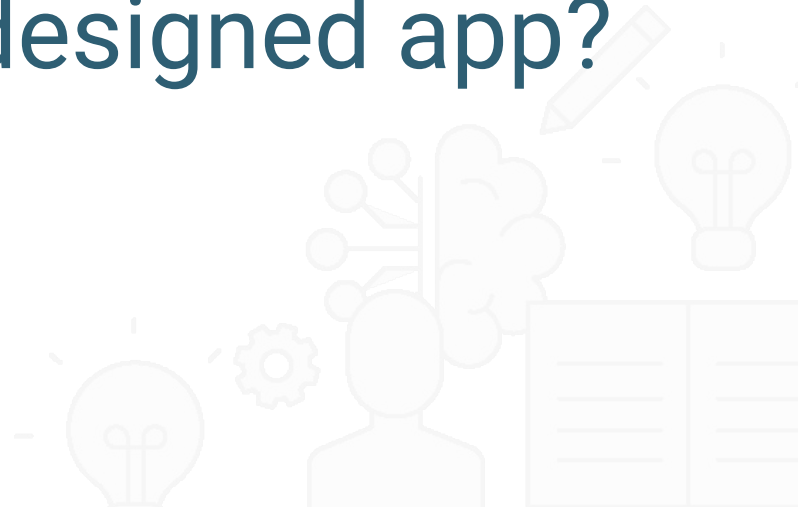
Why We Use CSS

CSS allows us to make plain HTML content look clean and presentable to users.



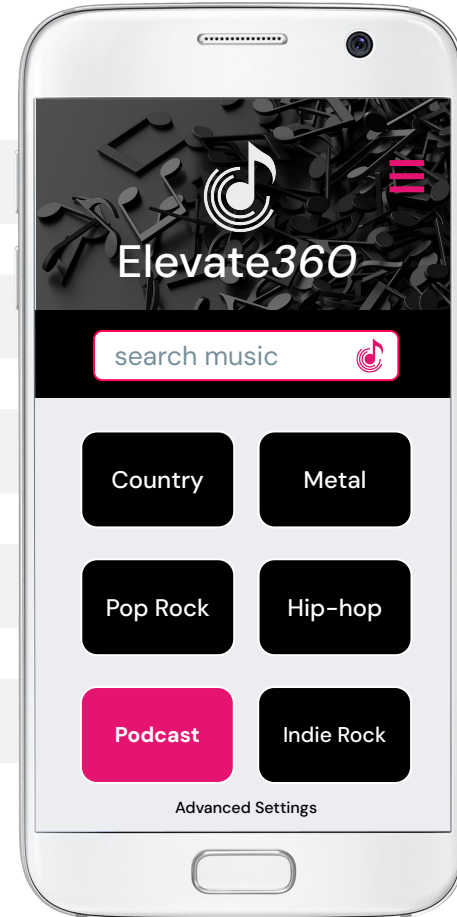


What are some features
of a well-designed app?



Features of Well-Designed Apps

- 1 Good use of color contrast and space
- 2 Mobile-responsive layout
- 3 Accessible design
- 4 Features that enhance the user's experience
- 5 Readable font sizes





What is our role in
implementing
these features?



Our Role in App Design

We are not graphic designers, but as web developers, it is our job to build a user interface that is usable and visually appealing to the app's target audience.

It is also our job to make sure the application does the following:

01

Follows accessibility standards

02

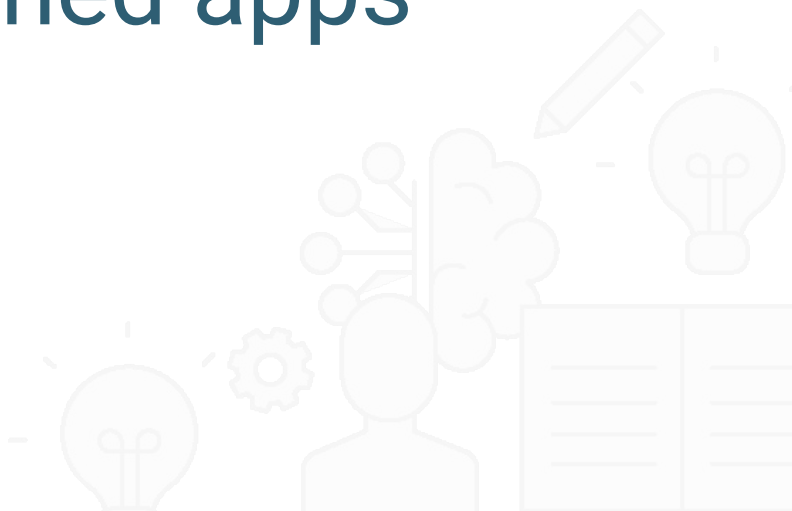
Performs well on both mobile and desktop devices

03

Is easy to maintain



Can we build
well-designed apps
with CSS?



Yes, We Can!

Browsers regularly add support for more CSS-based tools that we can use, including the following:

1 Transitions for animating the user interface

2 Flexbox and grid for responsive layouts

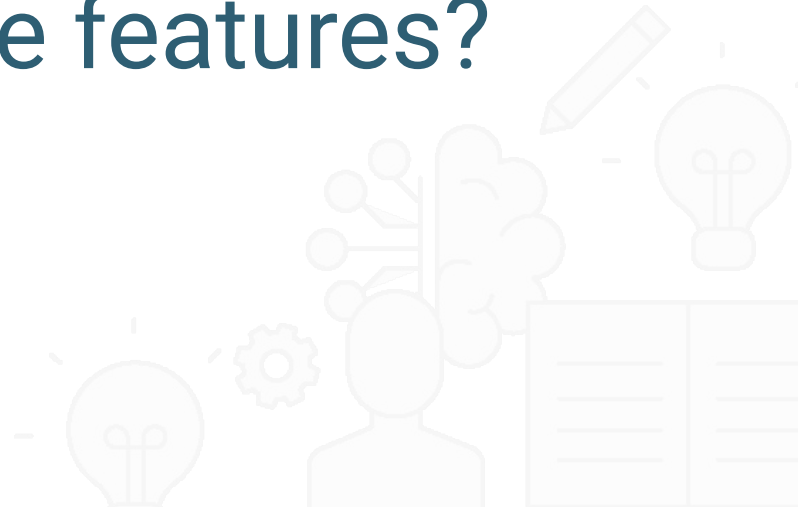
3 New units of size for developers to use

4 Image color filtering

5 And more



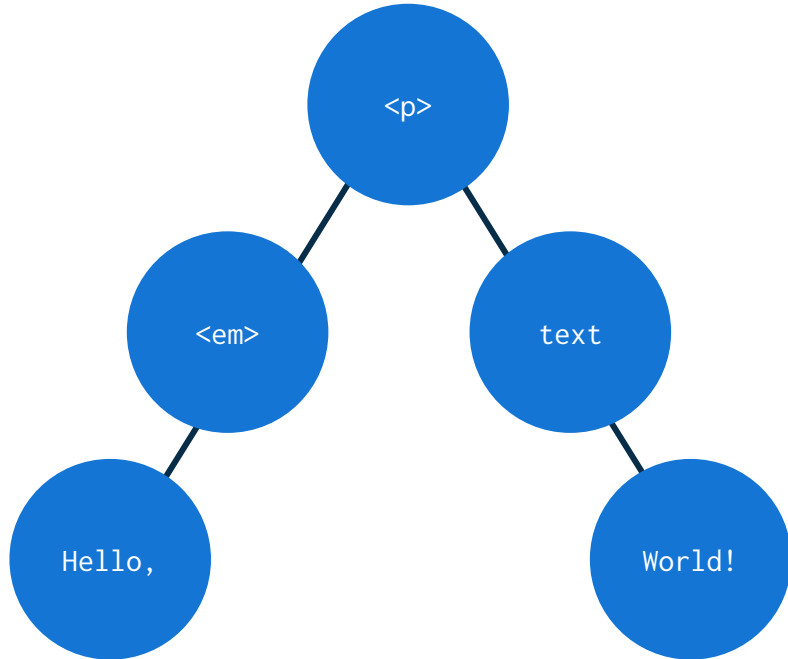
How can we learn to
build these features?



How to Learn CSS

CSS is a unique language, as it gives the developer many options for how to accomplish a goal.

HTML (Structure)



CSS (Presentation)

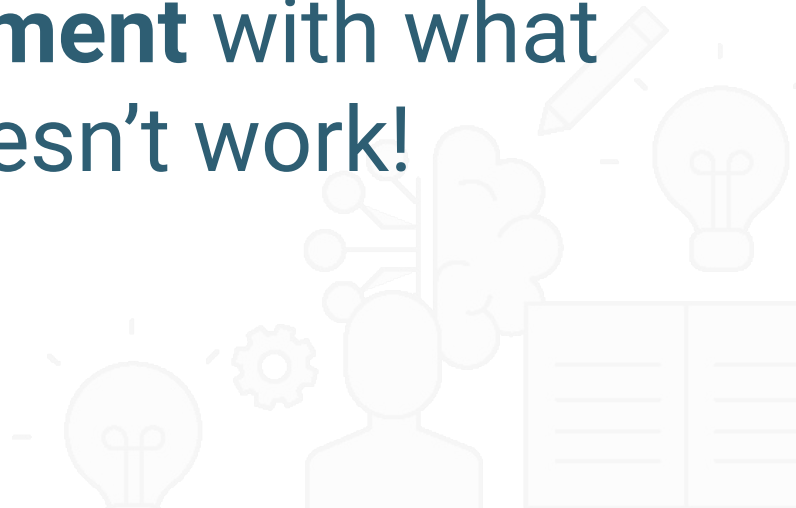
Hello, World!

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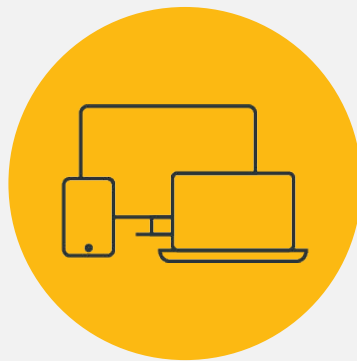
The best way to build CSS **knowledge** is to build apps and **experiment** with what does or doesn't work!



How to Learn CSS

Try some of the following techniques to learn CSS:

- 1 Reverse-engineer finished code to see how it was created.
- 2 Debug a broken app using Chrome DevTools.
- 3 Read the docs and practice with the provided examples.
- 4 Build something from scratch.
- 5 And most importantly, ask questions!



Instructor **Demonstration**

Mini-Project



The End