



By the end of this class, you will be able to:

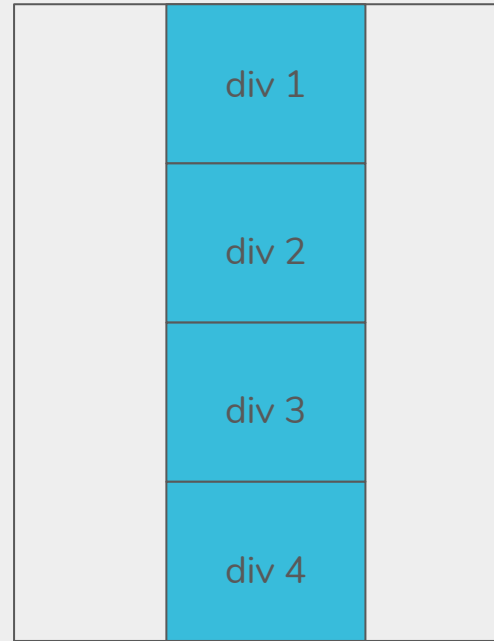
- ☐ Position elements on the page using the position property.
- ☐ Use Chrome dev tools to test CSS changes.
- ☐ Use multiple CSS files to style a page.

Positioning



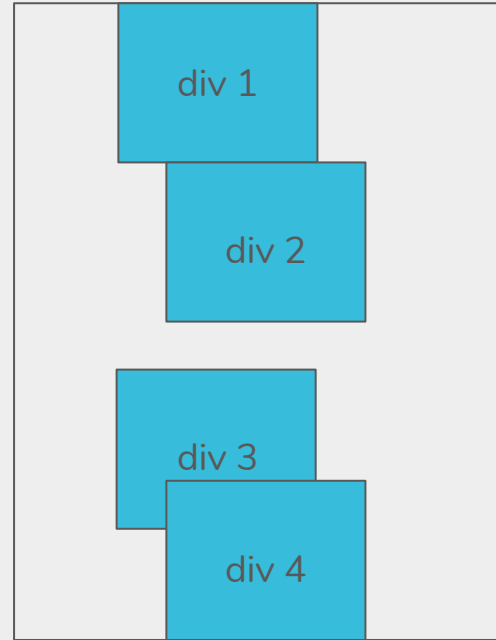
POSITION: STATIC

Four boxes placed statically



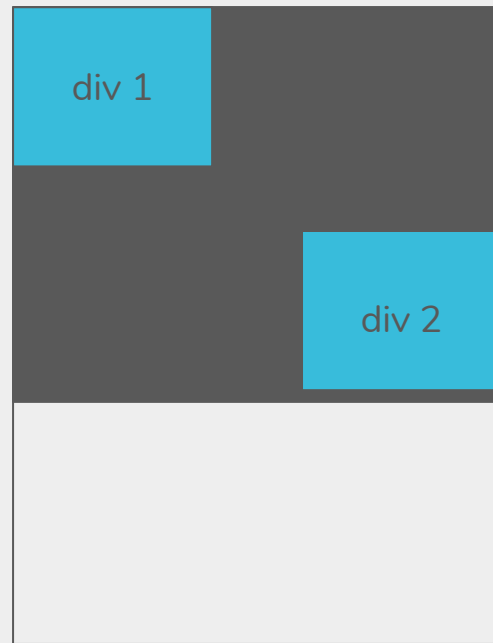
POSITION: RELATIVE

Switching the boxes to relative will nudge the boxes in relation to their “original” location.



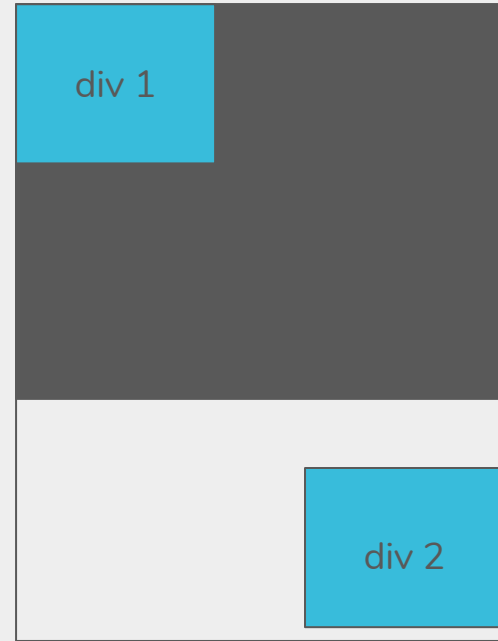
POSITION: ABSOLUTE

Positioned absolutely in relation to nearest positioned ancestor.



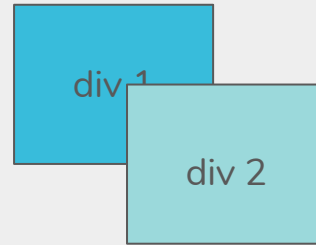
POSITION: FIXED

Position with exact coordinates to the browser window.



Z-INDEX

Z-Index allows you to layer elements on top of each other when they're positioned.



HIDING ELEMENTS

“display: none” allows us to hide elements from view.

This will become useful in later sections, when we’ll be hiding and revealing specific HTML elements of our choice.



A high-angle, slightly blurred photograph of a group of people sitting around a table, engaged in a collaborative work session. In the foreground, a person's hand is visible holding a red pen over a large sheet of paper with handwritten notes and diagrams. To the right, another person is using a laptop. The background shows other team members, some wearing headphones, suggesting a focused, creative environment. A white rectangular box with a thin blue border is centered over the image, containing the text 'GROUP DO' and 'Positioning'.

GROUP DO

Positioning

Match this Design

<div>

position: fixed

ading

ipsum dolor sit amet, consectetur adipiscing elit. Suspendisse a
erit ex, at blandit sapien. Lorem ipsum dolor sit amet, consectetur
adipiscing elit. Quisque finibus felis sem, non pulvinar odio fermentum vel.
Nunc varius tempus scelerisque. Curabitur congue magna vitae velit dictum,
eu finibus neque bibendum. In hac habitasse platea dictumst. Aliquam
fermentum lobortis felis, in feugiat diam congue ac.

<div>

position: relative

<div>

position: absolute

Nulla tempor ornare diam, vitae volutpat erat bibendum eget. Nunc sagittis
placerat velit sit amet interdum. Nam in iaculis purus, quis tristique velit.
Cras ut nisl vitae orci malesuada placerat non sed magna. Nulla ultrices,
dolor at aliquam volutpat, lorem magna pharetra arcu, eget feugiat nisi libero
at nunc. Phasellus finibus elit at sapien vehicula varius. Maecenas in dapibus
leo. Aliquam molestie vulputate metus. Morbi sed posuere quam, et sodales
felis. Proin augue nulla, pellentesque at venenatis vel, sagittis eget nibh.
Maecenas libero velit, luctus eu velit vitae, eleifend convallis felis.

A top-down photograph of a dark-stained wooden desk. In the upper-left corner, a portion of a silver laptop is visible. Next to it is a small white ceramic plate with a single chocolate chip cookie. A small nut lies on the desk surface near the plate. The word "OBJECTIVES" is printed in large, white, sans-serif capital letters in the lower-left area of the image.

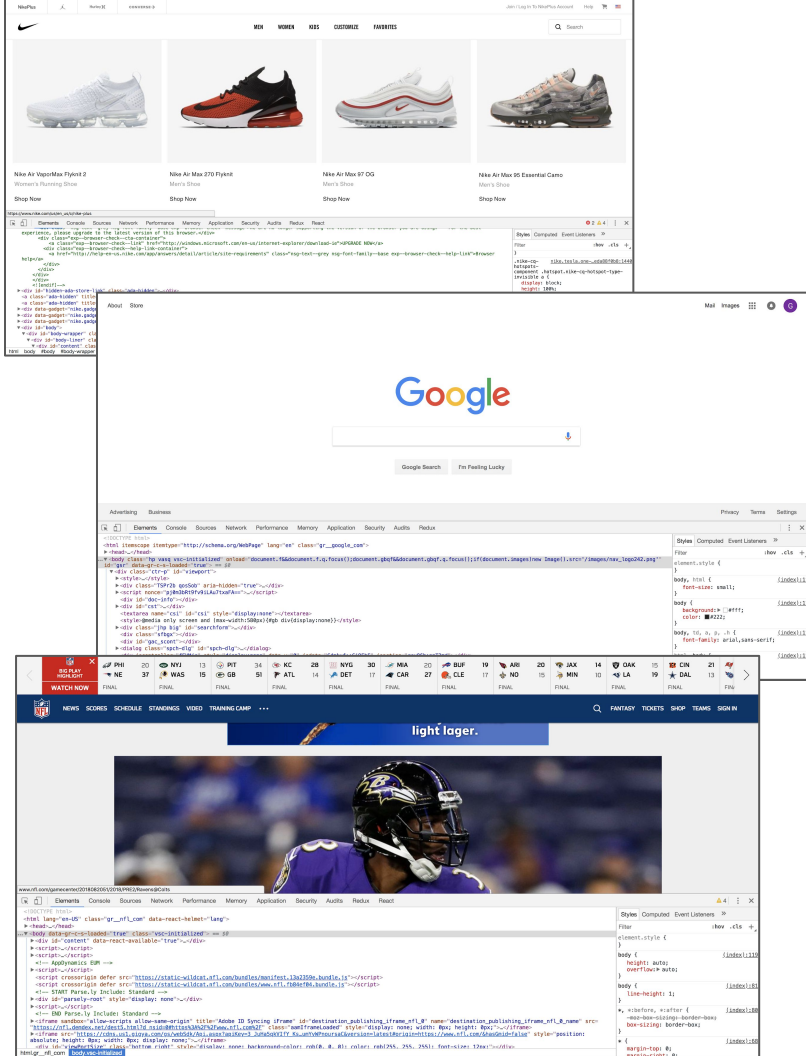
OBJECTIVES

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Chrome Developer Tool

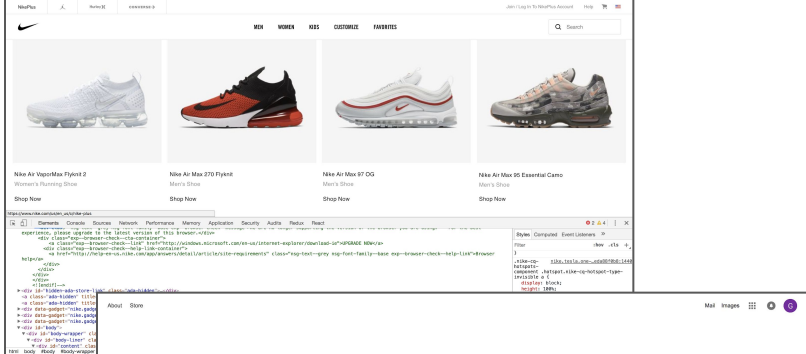




This is one of the most frequent tools you will use in web development.

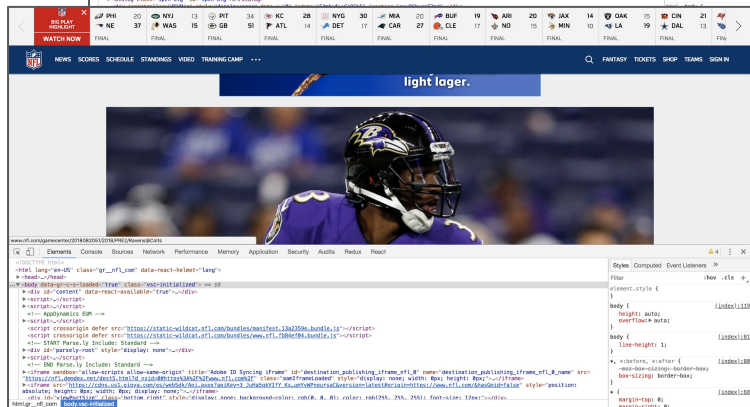
It allows you to truly debug your web designs.

Start using it!



Plus, you'll see your results instantly.

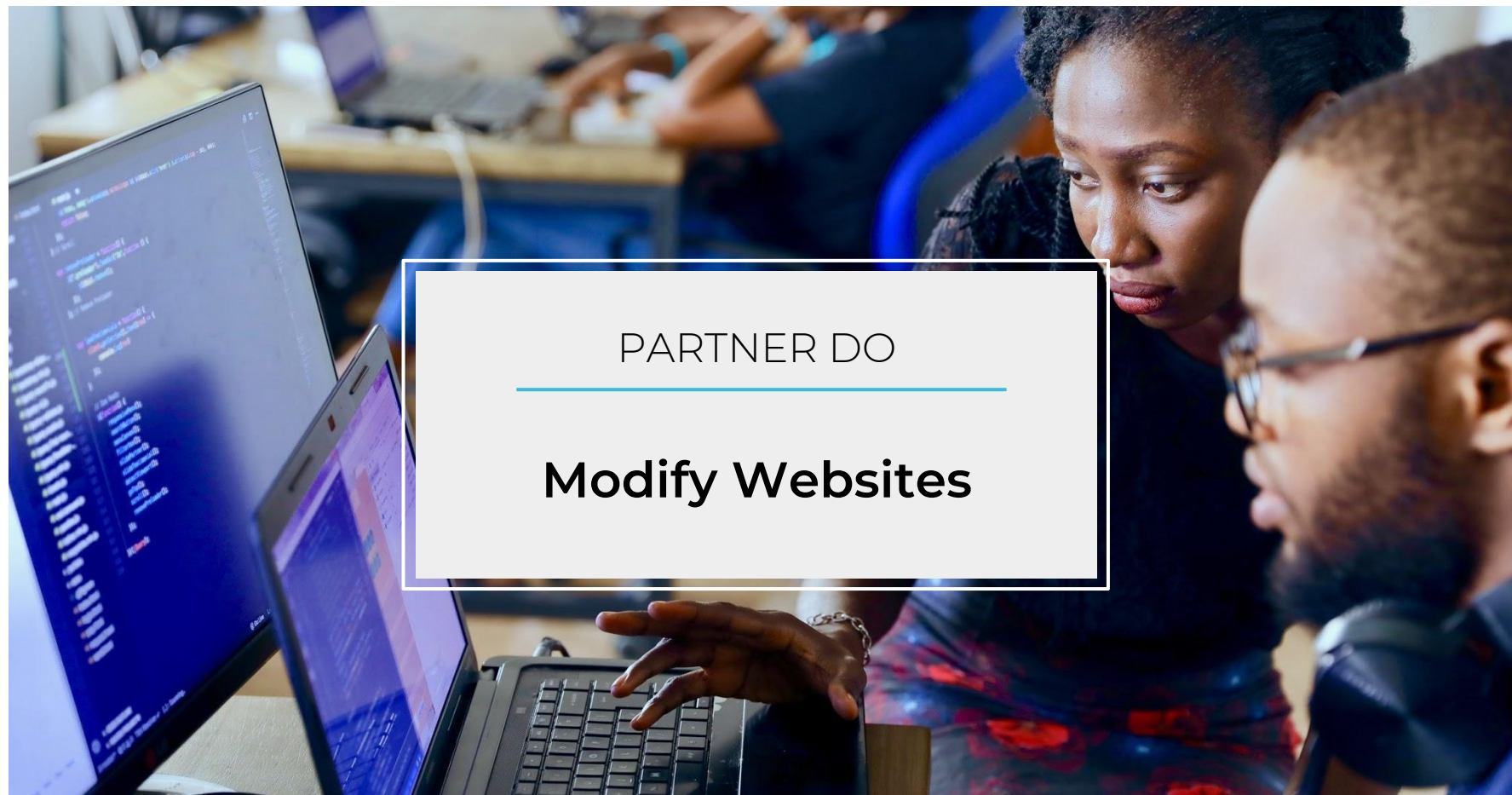
You can edit any page's HTML and CSS with Chrome Developer Tools.



The background image shows a person from the chest up, wearing a red and blue plaid shirt. Their hands are raised in a gesturing motion, with fingers spread. They are sitting at a wooden desk. On the desk, there is an open laptop displaying a blue and white interface, and a black smartphone lying flat on an open notebook. The background is blurred, showing other people in a classroom or office setting.

INSTRUCTOR DO

Dev Tools



PARTNER DO

Modify Websites



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CSS Resets



```
<link rel="stylesheet" href="style1.css">  
<link rel="stylesheet" href="style2.css">  
<link rel="stylesheet" href="style3.css">
```

Loading Multiple CSS Files

An incredibly powerful technique: deploying multiple CSS files simultaneously.

This lets developers to create complex designs made up of abounding design elements.

Just remember: **The loading order matters!**

A person wearing a red and blue plaid shirt is gesturing with their hands while sitting at a desk. On the desk, there is a laptop displaying a website, an open notebook, and a smartphone. The background is blurred, showing other people in a classroom or office setting.

INSTRUCTOR DO

Multiple CSS

WHICH BROWSER DO YOU USE?



Chrome?



Safari?



IE?



Other?



BATTLE OF THE BROWSERS

Under the hood, web browsers often render web pages differently than their competition.

These disparities could mean HTML/CSS displaying differently in each web client.

Because of these potential divergences, web developers need to make their websites cross-browser compatible.

Header 1
Header 2
Header 3
This is paragraph text.

Reset.css will “reset” all browser-specific CSS. This means your site will appear the same in all browsers.

However, you will have to re-style everything you yourself.

RESET CSS



INSTRUCTOR DO

CSS Resets

Why CSS Resets Matter...

It's important for creating
browser-compatible websites

It's an example of using someone
else's CSS in your website!!!

A photograph of two people, a woman and a man, looking at a laptop screen in what appears to be a coding or development environment. The woman is on the left, looking intently at the screen. The man is on the right, wearing glasses and also looking at the screen. The laptop screen displays code, likely CSS, with various colors highlighting different parts of the code. The background is slightly blurred, showing other people working at desks in a similar environment.

PARTNER DO

CSS Resets



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