

**As a web developer, you
will typically write more
CSS and JavaScript code
than HTML code.**

What are “Third-Party Packages”?

You CAN write all the CSS / JS code on your own!



But often, you have certain features, styles or tasks that are very common to a lot of projects

Default Styling

Image Carousel

Parallax Effect

A wide orange arrow pointing to the right, containing the text: “Third-Party Packages” provide “ready to use” code which you can add into your projects and sites.

“Third-Party Packages” provide “ready to use” code which you can add into your projects and sites

Popular CSS Packages & Use-Cases

Bootstrap

A very popular CSS framework (package) that provides dozens of pre-built component styles (e.g. buttons, alerts, ...)

Material UI

A popular CSS framework (package) that provides dozens of pre-built component styles (e.g. buttons, alerts, ...) which follow the Material design specification (by Google)

Tailwind CSS

A popular CSS framework (package) that provides dozens of pre-built utility styles which you can combine to style your HTML code without writing (a lot of) custom CSS code

Popular JavaScript Packages & Use-Cases

Unlike with CSS Packages, it's less about choosing "one package for everything"

Image Carousel

Animated image gallery where images can be cycled through via page controls

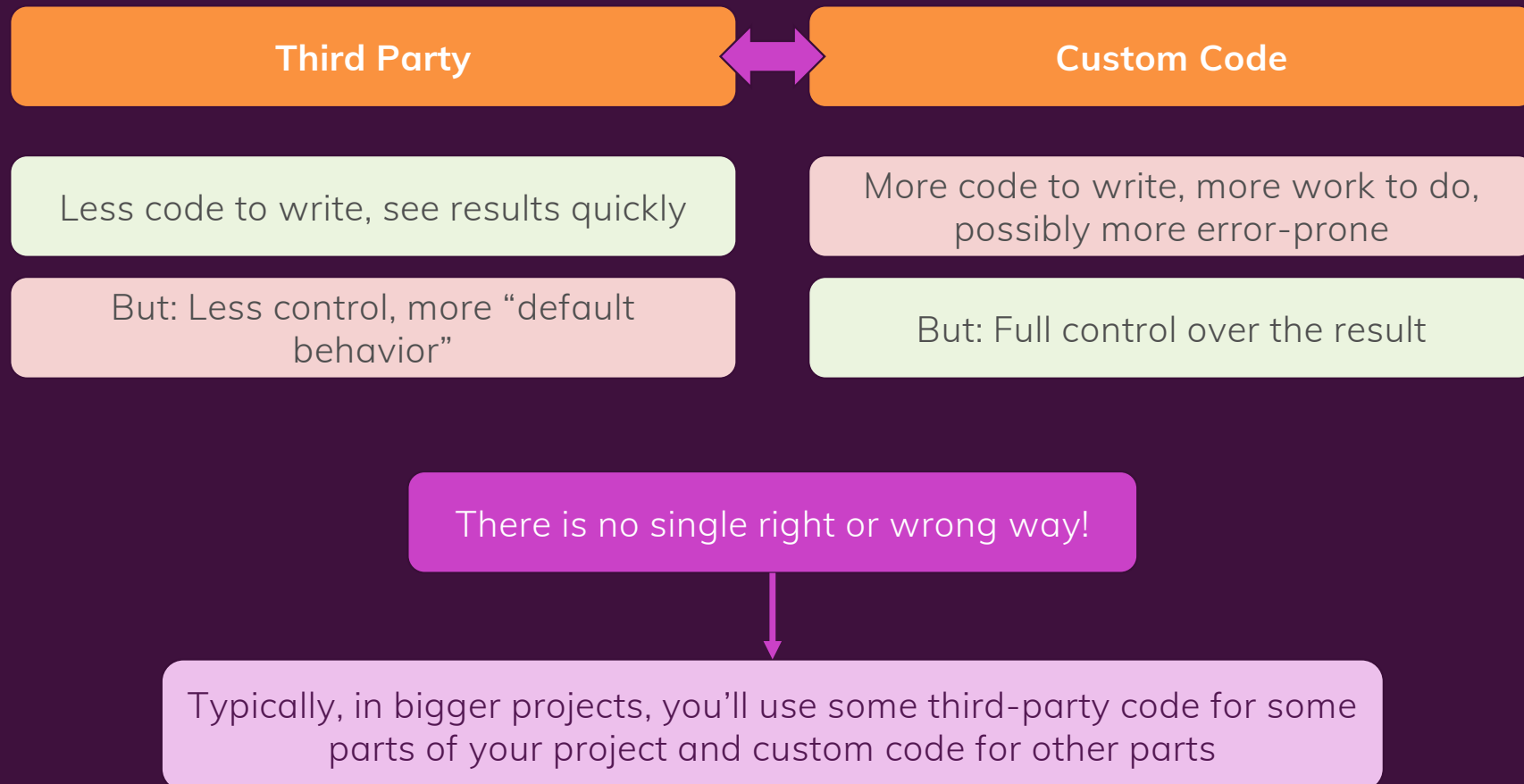
Scrollspy

An indicator (e.g. in an outline) that shows the user where on the page he / she is

Parallax Effect

A visual scrolling effect where different elements are animated at different speeds or with different effects

Third-Party vs Custom Code



There Also Are Big JavaScript Frameworks

There also are major JS Framework which focus not just on specific problems but on making building highly interactive web pages easier

React.js

Angular

Vue.js

These frameworks are useful if you're building very complex, JS-driven web user interfaces. They typically introduce a framework-specific syntax (still JS, but enforcing certain patterns etc.).