

Lesson

Weekend

Intermediate JavaScript (/intermediate-javascript)

/ Test-Driven Development and Environments with JavaScript

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/ Test-Driven Development and Environments with JavaScript Objectives

Text

In this section, we'll focus on two important aspects of JavaScript development:

- **Modern development environments:** We'll create an environment that will make it easier to incorporate JavaScript libraries and scaffold large projects.
- **Test-driven development:** We'll write automated tests before writing our code.

We will use **Jest**, a tool for writing coded, automated tests. We'll learn about **module bundling** with **webpack** to keep our code base well-organized and efficient, and we'll incorporate tools that help us do other tasks like **linting**, which we can use to quickly spot errors.

Finally, we'll learn about JavaScript features from **ECMAScript 6** (ES6) such as classes, arrow functions, modules, template literals, and more!

Independent Project Objectives

At the end of this section, you will complete an independent project. Your code will be reviewed for the following objectives:

- Business logic has 100% line coverage with Jest.
- Tests are included for each business logic behavior and code is committed after each test passes.
- Project utilizes classes, a feature of ES6.
- Dependencies are managed with npm.
- webpack is used to lint, bundle, and process code.
- Project is in a polished, portfolio-quality state.
- The prompt's required functionality and baseline project requirements are in place by the deadline.

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Last updated more than 3 months ago.

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