JavaScript Fundamentals

Getting Started with JavaScript



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Version Check



This course was created by using:

- Node.js 18 LTS
- JavaScript ES2022
- Visual Studio Code 1.73.4

Version Check



This course is 100% applicable to:

- JavaScript ES2022 or later
- Node.js version 18 or later
- Visual Studio Code 1.73.4 or later

JavaScript

JavaScript is a dynamic interpreted scripting language that can be used to create web applications, backend services, games, mobile applications, and just about anything else you can imagine.

What You'll Learn

- Able to read and understand JavaScript
- Write and execute JavaScript on your local machine
- Leverage VS Code as an IDE
- Find JavaScript documentation online
- Get real-world experience

JavaScript Versions

JavaScript Engines

V8
Google Chrome, Microsoft Edge

JavaScript Core
Safari

SpiderMonkey
Firefox

Node.js
Server and Local Computer



Resources Referenced in this Course

Find information about resources and supported JavaScript versions per module at the following link.

https://tuck.cc/jsfun



More Information

JavaScript: The Big Picture

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Up Next:

Installing the Prerequisites

Installing the Prerequisites

Demo

Installing Node.js for development

Installing Visual Studio Code

Reviewing JavaScript documentation online

Running Your First JavaScript Code

Demo

Running JavaScript in the terminal

Configuring Visual Studio Code for Node.js

Executing JavaScript in Visual Studio Code with Node.js

Debugging JavaScript Code

Demo

Configuring Visual Studio Code for debugging

Setting a breakpoint in a JavaScript file

Inspecting variables in a JavaScript file at a breakpoint