

# JavaScript Programming Fundamentals

Learn the essentials of JavaScript programming to start creating web applications. You'll learn variables, functions, data types, asynchronous JavaScript, and more.

Group classes in NYC and onsite training is available for this course. For more information, email [class@programwithus.com](mailto:class@programwithus.com) or visit: <https://www.programwithus.com/classes/javascript-programming-fundamentals>



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## Course Outline

### Fundamentals of JavaScript Code

- JavaScript methods
- Variables
- Functions
- Data types: Numbers vs. strings, etc.
- Concatenation
- If, else
- Arrays
- Loops
- Objects and the DOM (Document Object Model)

### Advanced JavaScript Functions

- Callback methodology
- .map, .reduce
- Scope
- "This" keyword
- Closures
- Hoisting

### Asynchronous JavaScript

- Promises
- ASYNC AWAIT
- API requests

### New JavaScript Features

- Import export
- Modularity
- Logical assignment operators