

Approaching Arrays and Objects



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Common Points of Confusion

**What's the difference between a prototype
and a class?**

**What does it mean that objects are reference
types?**

All the array functions out there



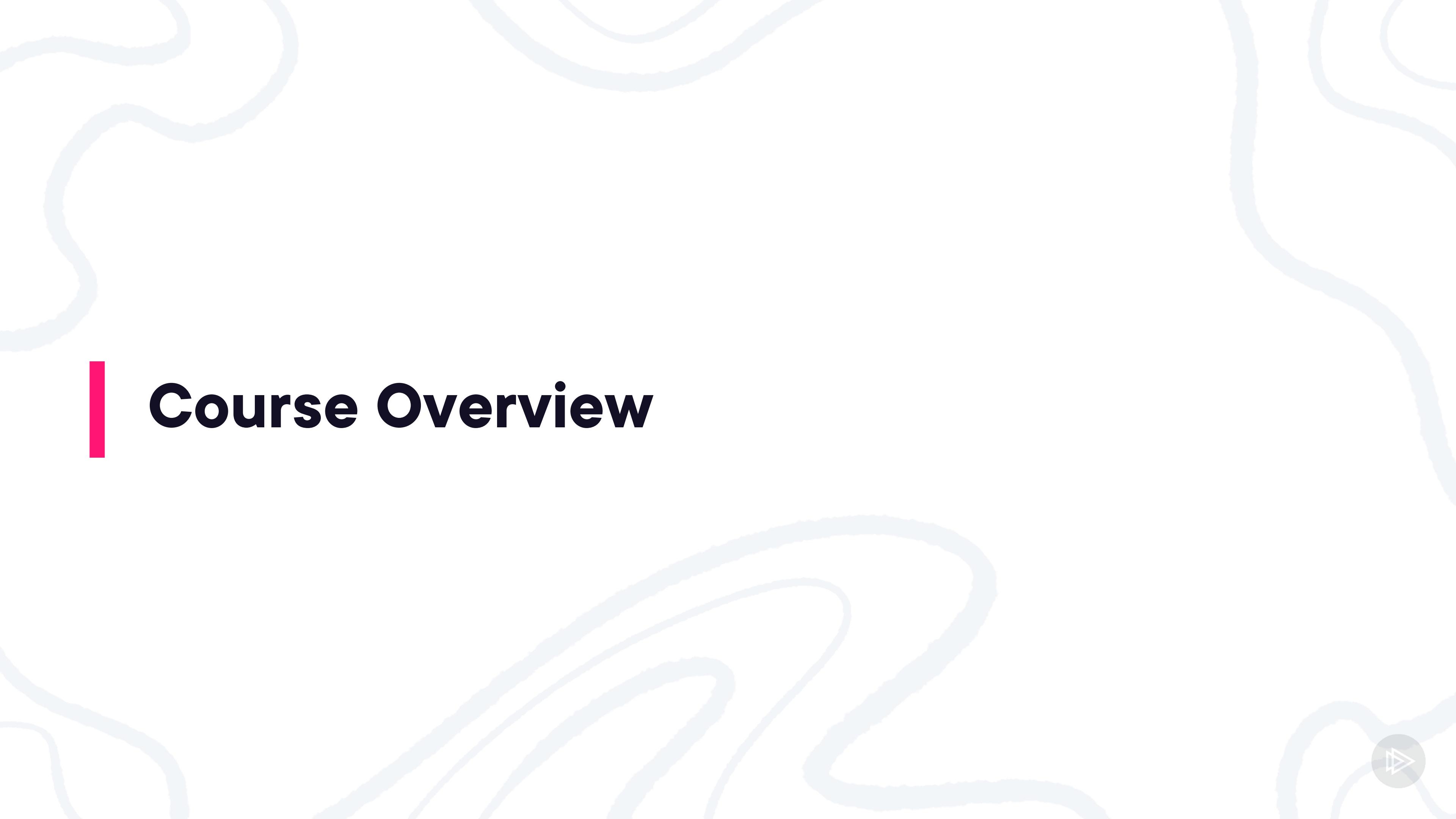
Arrays are objects



Up Next:

Course Overview





Course Overview



Course Overview

Prototypes & Properties

Reference

Objects

- What is an Object?
- Defining Prototypes with `Object.create`
- Creating Properties
- Accessing Properties
- Deleting Properties
- Protecting Properties
- Enumerating Properties
- Objects are Reference Types
- Comparing and Cloning Objects
- Functions as Properties
- Scope in Objects
- Object Wrappers of Primitives

Arrays

Iteration

Arrays

- Arrays are Objects
- Creating Arrays
- Identifying Arrays
- Adding and Accessing Array Elements
- Cutting Up Arrays
- Putting Together Arrays
- Cloning Arrays
- Sorting Arrays
- Sparse Arrays
- Maps, Sets, and Other Array Types
- Introduction to Array Iteration
- Basic For Loops
- Summarizing Arrays
- Searching Through Arrays
- Map and Functional JavaScript



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**This isn't a “How to Make an
LMS” course**



We won't discuss object-oriented principles



JavaScript is a prototype-based language



More Information

Object-oriented Concepts in JavaScript

Jim Cooper

