Unwired Learning

JavaScript Masterclass

(Course Curriculum)

Doubt in mind?
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Introduction & Resources

- Course Introduction
- Welcome - Let's Get Started!
- Resources [Important]
- Resources [Important]

JavaScript Basics

- JavaScript Basics
- Environment Setup
- How To Run JavaScript Files?
- Browser Console
- Variables, Constants & Comments
- Naming Convention
- Data Types
- Strings
- String Methods
- Numbers
- Template Literals
- Arrays
- Null & Undefined
- Booleans & Comparisons
- Loose vs Strict Comparison
- Type Conversion

Control Flow

- Control Flow
- For Loop
- For Loop (in & of)
- While Loop
- Do While Loop
- If Statements
- Else & Else If
- Logical Operators
- Logical NOT
- Break & Continue
- Switch Statements
- Scope (Global & Local)

- Ternary Operator

Functions

- Functions - I
- Functions - II
- Arguments & Parameters
- Returning Values
- Arrow Functions
- Functions & Methods
- forEach Method & Callbacks
- forEach Method

Object Literals

- Object Literals - I
- Object Literals - II
- Methods
- 'this' Keyword
- Objects in Arrays
- Math Object
- Primitive vs Reference Types - I
- Primitive vs Reference Types - II

Document Object Model

- DOM Introduction
- DOM In-depth
- Query Selector
- Selectors
- Controlling Content (Add/Delete)
- Attributes (Get/Set)
- Changing CSS Styles
- Classes (Add/Remove)
- Relationships (Parent/Child/Siblings)
- Events - I
- Events - II
- Creating & Removing Elements
- Event Bubbling & Delegation
- More DOM Events

Form & Form Events

- Events Inside Forms
- Submit Events
- Regular Expressions
- Testing RegEx Patterns
- Basic Form Validation
- Keyboard Events
- Events on HTML Page

Project: Quiz Application 🎉

- Project Source Code - GitHub
- Project Demo
- Template Structure [Optional]
- Working With Answer
- Score Update
- Reload
- Final Demo
- Project Deployment Using Github & Netlify

Array Methods

- Filter Method
- Map Method
- Reduce Method
- Find Method
- Sort Method
- Reverse Method
- Chaining Methods

Project: Todo List Manager 🎉

- Project Source Code - GitHub
- Project Demo
- Template Structure [Optional]
- Add Task
- Delete Task
- Update Task Count
- Search Task I
- Search Task II: Case Sensitive

● Project Deployment Using Github & Netlify

Dates & Times
● Dates
● Times

Local Storage
● Local Storage
● JSON

Project: Budget Tracker 🎉
● Project Source Code - GitHub
● Project Demo
● Template Structure [Optional]
● Add Transaction
● Transactions on localStorage
● Income & Expense List
● Get Transactions
● Delete Transaction
● Update Statistics
● Empty Transactions
● Project Deployment Using Github & Netlify

Object-Oriented Programming
● Object-Oriented Programming - I
● Object-Oriented Programming - II
● Object Literals Again!
● Classes
● Methods
● Inheritance - I
● Inheritance - II
● Prototype Model
● Prototype Inheritance
● Built-in Methods
● Static Keyword
● Getter & Setter

Error Handling & Exceptions

- Error Handling
- Exceptions

Modules

- Module - I
- Module - II

Project: Kanban Application 🎉

- Project Source Code - GitHub
- Project Demo
- Template Structure [Optional]
- Kanban Flow
- Class & Function
- Get Task
- Insert Task
- Delete Task
- Update Task
- Task Card
- Task Count
- Form: Add Task
- Form: Edit Task
- Form: Delete Task
- Drag-Drop Task Card
- Project Deployment Using Github & Netlify

Asynchronous JavaScript

- Asynchronous JavaScript
- setTimeout
- setInterval
- Callbacks & Callback Hell
- Promises
- Promises All
- Async & Await
- API / JSON Data
- Fetch API
- Fetch API - Methods

Project: News Portal 🎉
- Project Source Code - GitHub
- Project Demo
- Template Structure [Optional]
- Working With News API
- Fetch News Data
- News Categories
- Backup Data
- Category Request
- Project Deployment Using Github & Netlify

Babel
- Installing Node.js
- Babel Introduction
- Babel CLI
- Babel
- Folder Structure

Webpack
- Webpack
- Loaders
- Mode
- Webpack Dev Server
- Webpack Boilerplate Code

Firebase
- Firebase Introduction
- Webpack Setup
- Firebase Setup
- Firebase Connection
- Fetching Documents - I
- Fetching Documents - II
- Adding & Deleting Documents
- Snapshots
- Firestore Queries
- Ordering Data
- Updating Documents

- Fetching Individual Document
- Authentication - I
- Authentication - II

Project: Bookmark Manager 🎉
- Project Source Code - GitHub
- Project Demo
- Template Structure [Optional]
- Firebase Setup
- Access Document
- Delete Document
- Filter Documents
- Project Deployment Using Github & Netlify

Project: notNotion 🎉
- Project Source Code - GitHub
- Project Demo
- Template Structure [Optional]
- Navbar, Modals & Accordions
- Swipe Library - I
- Swipe Library - II
- Merge All Projects
- Project Deployment Using Github & Netlify

Course Completion Certificate 🎓
- JavaScript Masterclass: Zero To Job Ready With 10 Projects 🏆