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Curriculum

Forum (https://forum.freecodecamp.org)

### Welcome to the freeCodeCamp curriculum

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And yes - all of this is 100% free, thanks to the thousands of campers who donate (https://donate.freecodecamp.org) to our nonprofit.

If you are new to coding, we recommend you start at the beginning (/responsive-web-design/basic-html-and-html5/say-hello-to-html-elements).

- ▼ Responsive Web Design Certification (300 hours)
  - **▼** Basic HTML and HTML5

# Introduction to Basic HTML and HTML5 (/responsive-web-design/basic-html-and-html5)

- Say Hello to HTML Elements (/responsive-web-design/basic-html-and-html5/say-hello-to-html-elements)
- Headline with the h2 Element (/responsive-web-design/basic-html-and-html5/headline-with-the-h2-element)
- Inform with the Paragraph Element (/responsive-web-design/basic-html-and-html5/inform-with-the-paragraph-element)
- Fill in the Blank with Placeholder Text (/responsive-web-design/basic-html-and-html5/fill-in-the-blank-with-placeholder-text)
- Uncomment HTML (/responsive-web-design/basic-html-and-html5/uncomment-html)
- Comment out HTML (/responsive-web-design/basic-html-and-html5/comment-out-html)
- Delete HTML Elements (/responsive-web-design/basic-html-and-html5/delete-html-elements)
- Introduction to HTML5 Elements (/responsive-web-design/basic-html-and-html5/introduction-to-html5-elements)
- Add Images to Your Website (/responsive-web-design/basic-html-and-html5/add-images-to-your-website)
- Link to External Pages with Anchor Elements (/responsive-web-design/basic-html-and-html5/link-to-external-pages-with-anchor-elements)

- Link to Internal Sections of a Page with Anchor Elements (/responsive-web-(https://www.freecodecamp.org) / Link-to-internal-sections-of-a-page-with-anchor-elements) (/) (https://forum.freecodecamp.org)
  - Nest an Anchor Element within a Paragraph (/responsive-web-design/basic-html-and-html5/nest-an-anchor-element-within-a-paragraph)
  - Make Dead Links Using the Hash Symbol (/responsive-web-design/basic-html-and-html5/make-dead-links-using-the-hash-symbol)
  - Turn an Image into a Link (/responsive-web-design/basic-html-and-html5/turn-animage-into-a-link)
  - Create a Bulleted Unordered List (/responsive-web-design/basic-html-and-html5/create-a-bulleted-unordered-list)
  - Create an Ordered List (/responsive-web-design/basic-html-and-html5/create-an-ordered-list)
  - Create a Text Field (/responsive-web-design/basic-html-and-html5/create-a-text-field)
  - Add Placeholder Text to a Text Field (/responsive-web-design/basic-html-and-html5/add-placeholder-text-to-a-text-field)
  - Create a Form Element (/responsive-web-design/basic-html-and-html5/create-a-form-element)
  - Add a Submit Button to a Form (/responsive-web-design/basic-html-and-html5/add-a-submit-button-to-a-form)
  - Use HTML5 to Require a Field (/responsive-web-design/basic-html-and-html5/use-html5-to-require-a-field)
  - ✓ Create a Set of Radio Buttons (/responsive-web-design/basic-html-and-html5/create-a-set-of-radio-buttons)
  - Create a Set of Checkboxes (/responsive-web-design/basic-html-and-html5/create-a-set-of-checkboxes)
  - Check Radio Buttons and Checkboxes by Default (/responsive-web-design/basic-html-and-html5/check-radio-buttons-and-checkboxes-by-default)
  - Nest Many Elements within a Single div Element (/responsive-web-design/basic-html-and-html5/nest-many-elements-within-a-single-div-element)
  - Declare the Doctype of an HTML Document (/responsive-web-design/basic-html-and-html5/declare-the-doctype-of-an-html-document)
  - Define the Head and Body of an HTML Document (/responsive-web-design/basic-html-and-html5/define-the-head-and-body-of-an-html-document)

### **▼** Basic CSS

### Introduction to Basic CSS (/responsive-web-design/basic-css)

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- Change the Color of Text (/responsive-web-design/basic-css/change-the-color-of-(https://www.freecodecamp.org)
  - Use CSS Selectors to Style Elements (/responsive-web-design/basic-css/use-css-selectors-to-style-elements)
  - Use a CSS Class to Style an Element (/responsive-web-design/basic-css/use-a-css-class-to-style-an-element)
  - Style Multiple Elements with a CSS Class (/responsive-web-design/basic-css/style-multiple-elements-with-a-css-class)
  - Change the Font Size of an Element (/responsive-web-design/basic-css/change-the-font-size-of-an-element)
  - Set the Font Family of an Element (/responsive-web-design/basic-css/set-the-font-family-of-an-element)
  - ✓ Import a Google Font (/responsive-web-design/basic-css/import-a-google-font)
  - Specify How Fonts Should Degrade (/responsive-web-design/basic-css/specify-how-fonts-should-degrade)
  - Size Your Images (/responsive-web-design/basic-css/size-your-images)
  - Add Borders Around Your Elements (/responsive-web-design/basic-css/add-borders-around-your-elements)
  - Add Rounded Corners with border-radius (/responsive-web-design/basic-css/add-rounded-corners-with-border-radius)
  - Make Circular Images with a border-radius (/responsive-web-design/basic-css/make-circular-images-with-a-border-radius)
  - Give a Background Color to a div Element (/responsive-web-design/basic-css/give-a-background-color-to-a-div-element)
  - Set the id of an Element (/responsive-web-design/basic-css/set-the-id-of-anelement)
  - Use an id Attribute to Style an Element (/responsive-web-design/basic-css/use-an-id-attribute-to-style-an-element)
  - Adjust the Padding of an Element (/responsive-web-design/basic-css/adjust-the-padding-of-an-element)
  - Adjust the Margin of an Element (/responsive-web-design/basic-css/adjust-the-margin-of-an-element)
  - Add a Negative Margin to an Element (/responsive-web-design/basic-css/add-a-negative-margin-to-an-element)
  - Add Different Padding to Each Side of an Element (/responsive-web-design/basic-css/add-different-padding-to-each-side-of-an-element)
  - Add Different Margins to Each Side of an Element (/responsive-web-design/basic-css/add-different-margins-to-each-side-of-an-element)
  - Use Clockwise Notation to Specify the Padding of an Element (/responsive-web-design/basic-css/use-clockwise-notation-to-specify-the-padding-of-an-element)

- - Use Attribute Selectors to Style Elements (/responsive-web-design/basic-css/use-attribute-selectors-to-style-elements)
  - Understand Absolute versus Relative Units (/responsive-web-design/basic-css/understand-absolute-versus-relative-units)
  - Style the HTML Body Element (/responsive-web-design/basic-css/style-the-html-body-element)
  - Inherit Styles from the Body Element (/responsive-web-design/basic-css/inherit-styles-from-the-body-element)
  - Prioritize One Style Over Another (/responsive-web-design/basic-css/prioritize-one-style-over-another)
  - Override Styles in Subsequent CSS (/responsive-web-design/basic-css/override-styles-in-subsequent-css)
  - Override Class Declarations by Styling ID Attributes (/responsive-web-design/basic-css/override-class-declarations-by-styling-id-attributes)
  - Override Class Declarations with Inline Styles (/responsive-web-design/basic-css/override-class-declarations-with-inline-styles)
  - Override All Other Styles by using Important (/responsive-web-design/basic-css/override-all-other-styles-by-using-important)
  - Use Hex Code for Specific Colors (/responsive-web-design/basic-css/use-hex-code-for-specific-colors)
  - Use Hex Code to Mix Colors (/responsive-web-design/basic-css/use-hex-code-to-mix-colors)
  - ✓ Use Abbreviated Hex Code (/responsive-web-design/basic-css/use-abbreviated-hex-code)
  - Use RGB values to Color Elements (/responsive-web-design/basic-css/use-rgb-values-to-color-elements)
  - Use RGB to Mix Colors (/responsive-web-design/basic-css/use-rgb-to-mix-colors)
  - Use CSS Variables to change several elements at once (/responsive-web-design/basic-css/use-css-variables-to-change-several-elements-at-once)
  - Create a custom CSS Variable (/responsive-web-design/basic-css/create-a-custom-css-variable)
  - Use a custom CSS Variable (/responsive-web-design/basic-css/use-a-custom-css-variable)
  - Attach a Fallback value to a CSS Variable (/responsive-web-design/basic-css/attach-a-fallback-value-to-a-css-variable)
  - Improve Compatibility with Browser Fallbacks (/responsive-web-design/basic-css/improve-compatibility-with-browser-fallbacks)
  - Cascading CSS variables (/responsive-web-design/basic-css/cascading-css-variables)

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✓ Use a media query to change a vari	(/)	(https://forum.freecodecamp.org)
media-query-to-change-a-variable)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	

#### Applied Visual Design

### Introduction to the Applied Visual Design Challenges (/responsive-web-design/applied-visual-design)

- ✓ Create Visual Balance Using the text-align Property (/responsive-web-design/applied-visual-design/create-visual-balance-using-the-text-align-property)
- Adjust the Width of an Element Using the width Property (/responsive-web-design/applied-visual-design/adjust-the-width-of-an-element-using-the-width-property)
- Adjust the Height of an Element Using the height Property (/responsive-web-design/applied-visual-design/adjust-the-height-of-an-element-using-the-height-property)
- Use the strong Tag to Make Text Bold (/responsive-web-design/applied-visual-design/use-the-strong-tag-to-make-text-bold)
- Use the u Tag to Underline Text (/responsive-web-design/applied-visual-design/use-the-u-tag-to-underline-text)
- Use the em Tag to Italicize Text (/responsive-web-design/applied-visual-design/use-the-em-tag-to-italicize-text)
- Use the s Tag to Strikethrough Text (/responsive-web-design/applied-visual-design/use-the-s-tag-to-strikethrough-text)
- Create a Horizontal Line Using the hr Element (/responsive-web-design/applied-visual-design/create-a-horizontal-line-using-the-hr-element)
- Adjust the background-color Property of Text (/responsive-web-design/applied-visual-design/adjust-the-background-color-property-of-text)
- Adjust the Size of a Header Versus a Paragraph Tag (/responsive-web-design/applied-visual-design/adjust-the-size-of-a-header-versus-a-paragraph-tag)
- Add a box-shadow to a Card-like Element (/responsive-web-design/applied-visual-design/add-a-box-shadow-to-a-card-like-element)
- Decrease the Opacity of an Element (/responsive-web-design/applied-visual-design/decrease-the-opacity-of-an-element)
- Use the text-transform Property to Make Text Uppercase (/responsive-web-design/applied-visual-design/use-the-text-transform-property-to-make-text-uppercase)
- Set the font-size for Multiple Heading Elements (/responsive-web-design/applied-visual-design/set-the-font-size-for-multiple-heading-elements)

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- Set the font-size of Paragraph Text (/responsive-web-design/applied-visual-design/set-the-font-size-of-paragraph-text)
- Set the line-height of Paragraphs (/responsive-web-design/applied-visual-design/set-the-line-height-of-paragraphs)
- Adjust the Hover State of an Anchor Tag (/responsive-web-design/applied-visual-design/adjust-the-hover-state-of-an-anchor-tag)
- Change an Element's Relative Position (/responsive-web-design/applied-visual-design/change-an-elements-relative-position)
- ✓ Move a Relatively Positioned Element with CSS Offsets (/responsive-web-design/applied-visual-design/move-a-relatively-positioned-element-with-css-offsets)
- Lock an Element to its Parent with Absolute Positioning (/responsive-web-design/applied-visual-design/lock-an-element-to-its-parent-with-absolute-positioning)
- Lock an Element to the Browser Window with Fixed Positioning (/responsive-web-design/applied-visual-design/lock-an-element-to-the-browser-window-with-fixed-positioning)
- Push Elements Left or Right with the float Property (/responsive-web-design/applied-visual-design/push-elements-left-or-right-with-the-float-property)
- Change the Position of Overlapping Elements with the z-index Property (/responsive-web-design/applied-visual-design/change-the-position-of-overlapping-elements-with-the-z-index-property)
- Center an Element Horizontally Using the margin Property (/responsive-web-design/applied-visual-design/center-an-element-horizontally-using-the-margin-property)
- Learn about Complementary Colors (/responsive-web-design/applied-visual-design/learn-about-complementary-colors)
- Learn about Tertiary Colors (/responsive-web-design/applied-visual-design/learn-about-tertiary-colors)
- Adjust the Color of Various Elements to Complementary Colors (/responsive-web-design/applied-visual-design/adjust-the-color-of-various-elements-to-complementary-colors)
- Adjust the Hue of a Color (/responsive-web-design/applied-visual-design/adjust-the-hue-of-a-color)

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- Adjust the Tone of a Color (/responsive-web-design/applied-visual-design/adjust-the-tone-of-a-color)
- Use a CSS Linear Gradient to Create a Striped Element (/responsive-web-

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- Create Texture by Adding a Subtle Pattern as a Backg https://forgen(freecodesaenwork) design/applied-visual-design/create-texture-by-adding-a-subtle-pattern-as-a-background-image)
- Use the CSS Transform scale Property to Change the Size of an Element (/responsive-web-design/applied-visual-design/use-the-css-transform-scale-property-to-change-the-size-of-an-element)
- Use the CSS Transform scale Property to Scale an Element on Hover (/responsive-web-design/applied-visual-design/use-the-css-transform-scale-property-to-scale-an-element-on-hover)
- Use the CSS Transform Property skewX to Skew an Element Along the X-Axis (/responsive-web-design/applied-visual-design/use-the-css-transform-property-skewx-to-skew-an-element-along-the-x-axis)
- Use the CSS Transform Property skewY to Skew an Element Along the Y-Axis (/responsive-web-design/applied-visual-design/use-the-css-transform-property-skewy-to-skew-an-element-along-the-y-axis)
- ✓ Create a Graphic Using CSS (/responsive-web-design/applied-visual-design/createa-graphic-using-css)
- Create a More Complex Shape Using CSS and HTML (/responsive-web-design/applied-visual-design/create-a-more-complex-shape-using-css-and-html)
- Learn How the CSS @keyframes and animation Properties Work (/responsive-web-design/applied-visual-design/learn-how-the-css-keyframes-and-animation-properties-work)
- Use CSS Animation to Change the Hover State of a Button (/responsive-web-design/applied-visual-design/use-css-animation-to-change-the-hover-state-of-a-button)
- Modify Fill Mode of an Animation (/responsive-web-design/applied-visual-design/modify-fill-mode-of-an-animation)
- Create Movement Using CSS Animation (/responsive-web-design/applied-visual-design/create-movement-using-css-animation)
- Create Visual Direction by Fading an Element from Left to Right (/responsive-web-design/applied-visual-design/create-visual-direction-by-fading-an-element-from-left-to-right)
- Animate Elements Continually Using an Infinite Animation Count (/responsive-web-design/applied-visual-design/animate-elements-continually-using-an-infinite-animation-count)
- Make a CSS Heartbeat using an Infinite Animation Count (/responsive-web-design/applied-visual-design/make-a-css-heartbeat-using-an-infinite-animation-count)
- Animate Elements at Variable Rates (/responsive-web-design/applied-visual-design/animate-elements-at-variable-rates)
- Animate Multiple Elements at Variable Rates (/responsive-web-design/applied-

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- Change Animation Timing with Keywords (/responsive transported the company) design/change-animation-timing-with-keywords)
- Learn How Bezier Curves Work (/responsive-web-design/applied-visual-design/learn-how-bezier-curves-work)
- Use a Bezier Curve to Move a Graphic (/responsive-web-design/applied-visual-design/use-a-bezier-curve-to-move-a-graphic)
- Make Motion More Natural Using a Bezier Curve (/responsive-web-design/applied-visual-design/make-motion-more-natural-using-a-bezier-curve)

### Applied Accessibility

### Introduction to the Applied Accessibility Challenges (/responsive-web-design/applied-accessibility)

- Add a Text Alternative to Images for Visually Impaired Accessibility (/responsive-web-design/applied-accessibility/add-a-text-alternative-to-images-for-visually-impaired-accessibility)
- Know When Alt Text Should be Left Blank (/responsive-web-design/applied-accessibility/know-when-alt-text-should-be-left-blank)
- Use Headings to Show Hierarchical Relationships of Content (/responsive-web-design/applied-accessibility/use-headings-to-show-hierarchical-relationships-of-content)
- Jump Straight to the Content Using the main Element (/responsive-web-design/applied-accessibility/jump-straight-to-the-content-using-the-main-element)
- Wrap Content in the article Element (/responsive-web-design/applied-accessibility/wrap-content-in-the-article-element)
- Make Screen Reader Navigation Easier with the header Landmark (/responsive-web-design/applied-accessibility/make-screen-reader-navigation-easier-with-the-header-landmark)
- Make Screen Reader Navigation Easier with the nav Landmark (/responsive-web-design/applied-accessibility/make-screen-reader-navigation-easier-with-the-nav-landmark)
- Make Screen Reader Navigation Easier with the footer Landmark (/responsive-web-design/applied-accessibility/make-screen-reader-navigation-easier-with-the-footer-landmark)
- Improve Accessibility of Audio Content with the audio Element (/responsive-web-design/applied-accessibility/improve-accessibility-of-audio-content-with-the-audio-element)
- Improve Chart Accessibility with the figure Element (/responsive-web-design/applied-accessibility/improve-chart-accessibility-with-the-figure-element)
- ☑ Improve Form Field Accessibility with the label Element (/responsive-web-

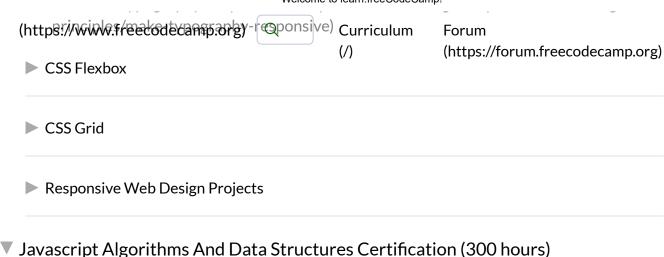
(https://www.freecodecamp.org/improve-form-field-accessibility-with-the-label-element)

- Wrap Radio Buttons in a fieldset Element for Better (https://fibrum/freecodecamp.org) design/applied-accessibility/wrap-radio-buttons-in-a-fieldset-element-for-better-accessibility)
- Add an Accessible Date Picker (/responsive-web-design/applied-accessibility/add-an-accessible-date-picker)
- Standardize Times with the HTML5 datetime Attribute (/responsive-web-design/applied-accessibility/standardize-times-with-the-html5-datetime-attribute)
- Make Elements Only Visible to a Screen Reader by Using Custom CSS (/responsive-web-design/applied-accessibility/make-elements-only-visible-to-a-screen-reader-by-using-custom-css)
- Improve Readability with High Contrast Text (/responsive-web-design/applied-accessibility/improve-readability-with-high-contrast-text)
- Avoid Colorblindness Issues by Using Sufficient Contrast (/responsive-web-design/applied-accessibility/avoid-colorblindness-issues-by-using-sufficient-contrast)
- Avoid Colorblindness Issues by Carefully Choosing Colors that Convey Information (/responsive-web-design/applied-accessibility/avoid-colorblindness-issues-by-carefully-choosing-colors-that-convey-information)
- Give Links Meaning by Using Descriptive Link Text (/responsive-web-design/applied-accessibility/give-links-meaning-by-using-descriptive-link-text)
- Make Links Navigatable with HTML Access Keys (/responsive-web-design/applied-accessibility/make-links-navigatable-with-html-access-keys)
- Use tabindex to Add Keyboard Focus to an Element (/responsive-web-design/applied-accessibility/use-tabindex-to-add-keyboard-focus-to-an-element)
- Use tabindex to Specify the Order of Keyboard Focus for Several Elements (/responsive-web-design/applied-accessibility/use-tabindex-to-specify-the-order-of-keyboard-focus-for-several-elements)

### Responsive Web Design Principles

## Introduction to the Responsive Web Design Challenges (/responsive-web-design/responsive-web-design-principles)

- Create a Media Query (/responsive-web-design/responsive-web-designprinciples/create-a-media-query)
- Make an Image Responsive (/responsive-web-design/responsive-web-design-principles/make-an-image-responsive)
- Use a Retina Image for Higher Resolution Displays (/responsive-web-design/responsive-web-design-principles/use-a-retina-image-for-higher-resolution-displays)
- Make Typography Responsive (/responsive-web-design/responsive-web-design-



Basic JavaScript

### Introduction to JavaScript (/javascript-algorithms-and-data-structures/basic-javascript)

- ✓ Comment Your JavaScript Code (/javascript-algorithms-and-data-structures/basic-javascript/comment-your-javascript-code)
- Declare JavaScript Variables (/javascript-algorithms-and-data-structures/basic-javascript/declare-javascript-variables)
- Storing Values with the Assignment Operator (/javascript-algorithms-and-data-structures/basic-javascript/storing-values-with-the-assignment-operator)
- Initializing Variables with the Assignment Operator (/javascript-algorithms-and-data-structures/basic-javascript/initializing-variables-with-the-assignment-operator)
- Understanding Uninitialized Variables (/javascript-algorithms-and-data-structures/basic-javascript/understanding-uninitialized-variables)
- Understanding Case Sensitivity in Variables (/javascript-algorithms-and-data-structures/basic-javascript/understanding-case-sensitivity-in-variables)
- Add Two Numbers with JavaScript (/javascript-algorithms-and-data-structures/basic-javascript/add-two-numbers-with-javascript)
- Subtract One Number from Another with JavaScript (/javascript-algorithms-and-data-structures/basic-javascript/subtract-one-number-from-another-with-javascript)
- Multiply Two Numbers with JavaScript (/javascript-algorithms-and-datastructures/basic-javascript/multiply-two-numbers-with-javascript)
- Divide One Number by Another with JavaScript (/javascript-algorithms-and-data-structures/basic-javascript/divide-one-number-by-another-with-javascript)
- Increment a Number with JavaScript (/javascript-algorithms-and-data-structures/basic-javascript/increment-a-number-with-javascript)
- Decrement a Number with JavaScript (/javascript-algorithms-and-data-structures/basic-javascript/decrement-a-number-with-javascript)
- Create Decimal Numbers with JavaScript (/javascript-algorithms-and-data-

- structures/basic-javascript/create-decimal-numbers-with-javascript)
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  Multiply Two Decimals with JavaScript //javascript-algorithms-and-data(https://forum.freecodecamp.org) structures/basic-javascript/multiply-two-decimals-with-javascript)
  - Divide One Decimal by Another with JavaScript (/javascript-algorithms-and-datastructures/basic-javascript/divide-one-decimal-by-another-with-javascript)
  - Finding a Remainder in JavaScript (/javascript-algorithms-and-datastructures/basic-javascript/finding-a-remainder-in-javascript)
  - Compound Assignment With Augmented Addition (/javascript-algorithms-and-datastructures/basic-javascript/compound-assignment-with-augmented-addition)
  - Compound Assignment With Augmented Subtraction (/javascript-algorithms-anddata-structures/basic-javascript/compound-assignment-with-augmented-subtraction)
  - Compound Assignment With Augmented Multiplication (/javascript-algorithms-anddata-structures/basic-javascript/compound-assignment-with-augmentedmultiplication)
  - Compound Assignment With Augmented Division (/javascript-algorithms-and-datastructures/basic-javascript/compound-assignment-with-augmented-division)
  - Declare String Variables (/javascript-algorithms-and-data-structures/basicjavascript/declare-string-variables)
  - Escaping Literal Quotes in Strings (/javascript-algorithms-and-datastructures/basic-javascript/escaping-literal-quotes-in-strings)
  - Quoting Strings with Single Quotes (/javascript-algorithms-and-datastructures/basic-javascript/quoting-strings-with-single-quotes)
  - Escape Sequences in Strings (/javascript-algorithms-and-data-structures/basicjavascript/escape-sequences-in-strings)
  - Concatenating Strings with Plus Operator (/javascript-algorithms-and-datastructures/basic-javascript/concatenating-strings-with-plus-operator)
  - Concatenating Strings with the Plus Equals Operator (/javascript-algorithms-anddata-structures/basic-javascript/concatenating-strings-with-the-plus-equals-operator)
  - Constructing Strings with Variables (/javascript-algorithms-and-datastructures/basic-javascript/constructing-strings-with-variables)
  - Appending Variables to Strings (/javascript-algorithms-and-data-structures/basicjavascript/appending-variables-to-strings)
  - Find the Length of a String (/javascript-algorithms-and-data-structures/basicjavascript/find-the-length-of-a-string)
  - Use Bracket Notation to Find the First Character in a String (/javascript-algorithmsand-data-structures/basic-javascript/use-bracket-notation-to-find-the-first-characterin-a-string)
  - Understand String Immutability (/javascript-algorithms-and-data-structures/basicjavascript/understand-string-immutability)
  - Use Rracket Notation to Find the Nth Character in a String (/iavascrint-algorithms-

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- Use Bracket Notation to Find the Last Character in a String (/javascript-algorithms-and-data-structures/basic-javascript/use-bracket-notation-to-find-the-last-character-in-a-string)
- Use Bracket Notation to Find the Nth-to-Last Character in a String (/javascript-algorithms-and-data-structures/basic-javascript/use-bracket-notation-to-find-the-nth-to-last-character-in-a-string)
- ✓ Word Blanks (/javascript-algorithms-and-data-structures/basic-javascript/word-blanks)
- Store Multiple Values in one Variable using JavaScript Arrays (/javascript-algorithms-and-data-structures/basic-javascript/store-multiple-values-in-one-variable-using-javascript-arrays)
- Nest one Array within Another Array (/javascript-algorithms-and-data-structures/basic-javascript/nest-one-array-within-another-array)
- Access Array Data with Indexes (/javascript-algorithms-and-data-structures/basic-javascript/access-array-data-with-indexes)
- Modify Array Data With Indexes (/javascript-algorithms-and-data-structures/basic-javascript/modify-array-data-with-indexes)
- Access Multi-Dimensional Arrays With Indexes (/javascript-algorithms-and-data-structures/basic-javascript/access-multi-dimensional-arrays-with-indexes)
- Manipulate Arrays With push() (/javascript-algorithms-and-data-structures/basic-javascript/manipulate-arrays-with-push)
- Manipulate Arrays With pop() (/javascript-algorithms-and-data-structures/basic-javascript/manipulate-arrays-with-pop)
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- structures/basic-javascript/global-vs--local-scope-in-functions)
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  Return a Value from a Function with Return (/javascript-algorithms-a
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  - Understanding Undefined Value returned from a Function (/javascript-algorithmsand-data-structures/basic-javascript/understanding-undefined-value-returned-from-afunction)
  - Assignment with a Returned Value (/javascript-algorithms-and-datastructures/basic-javascript/assignment-with-a-returned-value)
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  - Understanding Boolean Values (/javascript-algorithms-and-data-structures/basicjavascript/understanding-boolean-values)
  - Use Conditional Logic with If Statements (/javascript-algorithms-and-datastructures/basic-javascript/use-conditional-logic-with-if-statements)
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  - Practice comparing different values (/javascript-algorithms-and-datastructures/basic-javascript/practice-comparing-different-values)
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  - Using Objects for Lookups (/javascript-algorithms-and-data-structures/basic-javascript/using-objects-for-lookups)
  - Testing Objects for Properties (/javascript-algorithms-and-data-structures/basic-javascript/testing-objects-for-properties)
  - Manipulating Complex Objects (/javascript-algorithms-and-data-structures/basic-javascript/manipulating-complex-objects)

- Accessing Nested Objects (/javascript-algorithms-and-data-structures/basic-(https://www.freecodecamp.org) Curriculum Forum
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    Accessing Nested Arrays (/javascript-algorithms-and-data-structures/basicjavascript/accessing-nested-arrays)
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  - ✓ Iterate with JavaScript While Loops (/javascript-algorithms-and-data-structures/basic-javascript/iterate-with-javascript-while-loops)
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  - ✓ Iterate Odd Numbers With a For Loop (/javascript-algorithms-and-data-structures/basic-javascript/iterate-odd-numbers-with-a-for-loop)
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#### ► ES6

### Regular Expressions

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► Basic Algorithm Scripting			
Object Oriented Programming			
➤ Functional Programming			
► Intermediate Algorithm Scriptin	ng		
JavaScript Algorithms and Data	Structure	es Projects	
Front End Libraries Certificati	on (300 l	nours)	
► Bootstrap			
<b>▼</b> jQuery			

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- ✓ Learn How Script Tags and Document Ready Work (/front-end-libraries/jquery/learn-how-script-tags-and-document-ready-work)
- ✓ Target HTML Elements with Selectors Using jQuery (/front-end-libraries/jquery/target-html-elements-with-selectors-using-jquery)
- ✓ Target Elements by Class Using jQuery (/front-end-libraries/jquery/target-elements-by-class-using-jquery)
- Target Elements by id Using jQuery (/front-end-libraries/jquery/target-elements-by-id-using-jquery)
- Delete Your jQuery Functions (/front-end-libraries/jquery/delete-your-jquery-functions)
- ✓ Target the Same Element with Multiple jQuery Selectors (/front-end-libraries/jquery/target-the-same-element-with-multiple-jquery-selectors)
- Remove Classes from an Element with jQuery (/front-end-libraries/jquery/remove-classes-from-an-element-with-iquery)

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Use jQuery to Modify the Entire Page (/front-end-lik modify-the-entire-page)	oraries/jquery/use-jquery-to-
► Sass	
► React	
Redux	
➤ React and Redux	
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Data Visualization Certification (300 hours)	

► Apis And Microservices Certification (300 hours)

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