jQuery Document Basics

To use jQuery, you need to include it in your HTML:

```
<script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>

$(document).ready(function(){
  // jQuery code here
});
```

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jQuery DOCUMENT OBJECT METHODS

Method	Description
`$(document).ready()`	Runs code when DOM is ready
`$(window).load()`	Runs when page (including images) is loaded
`$(selector).html()`	Get or set HTML content
`$(selector).text()`	Get or set text content
`$(selector).val()`	Get or set input value
`$(selector).attr()`	Get or set attribute value
`$(selector).removeAttr()`	Removes an attribute
`$(selector).prop()`	Get or set DOM property
`$(selector).data()`	Get or set custom data attributes

DOM Traversal Methods

Method	Description
`.parent()`	Gets the parent of each element
`.children()`	Gets direct children
`.find()`	Finds descendants
`.siblings()`	Gets all siblings
`.next()` / `.prev()`	Gets next or previous sibling
`.closest()`	Gets closest ancestor matching selector
`.filter()`	Filters elements
`.first()` / `.last()`	Gets first or last element
`.eq(index)`	Gets element at specified index

CSS & Style Methods

Method	Description
`.css()`	Get or set CSS properties
`.addClass()`	Adds one or more classes
`.removeClass()`	Removes one or more classes
`.toggleClass()`	Toggles class on/off
`.hasClass()`	Checks if class exists
`.width()`	Get/set width
`.height()`	Get/set height

DOM Manipulation Methods

Method	Description
`.append()`	Inserts content at end
`.prepend()`	Inserts content at beginning
`.after()`	Inserts content after
`.before()`	Inserts content before
`.remove()`	Removes element
`.empty()`	Clears inner HTML
`.clone()`	Clones element
`.replaceWith()`	Replaces selected element
`.wrap()`/ `.unwrap()`	Wraps element in another HTML

Event Handling Methods

Method	Description
`.on()`	Binds event
`.off()`	Unbinds event
`.click()`	Click event
`.dblclick()`	Double-click
`.hover()`	Hover in/out
`.focus()` / `.blur()`	Focus/blur on input
`.submit()`	Form submission
`.change()`	Input value changed
`.keydown()` / `.keyup()` / `.keypress()`	Keyboard events

Effects & Animations

Method	Description
`.hide()`	Hides element
`.show()`	Shows element
`.toggle()`	Toggles visibility
`.fadeIn()` / `.fadeOut()`	Fade effects
`.slideDown()` / `.slideUp()`	Slide effects
`.animate()`	Custom animation
`.stop()`	Stops animation
`.delay()`	Delays execution

Utilities

Method	Description
`$.each()`	Iterates over array/object
`$.trim()`	Removes whitespace
`$.isArray()`	Checks if value is array
`$.isFunction()`	Checks if value is function
`$.extend()`	Merges two objects
`$.type()`	Gets type of object
`$.now()`	Returns timestamp
`$.noop()`	Empty function

jQuery DOCUMENTATION

You can find **official and full documentation** at:

🔗 https://api.jquery.com

It includes **examples**, **method signatures**, **parameters**, and **real-time outputs**.