**jQuery**

<https://jquery.com/download/>

jQuery is a free and open-source JavaScript library that simplifies many tasks. It uses CSS selectors to find elements in a webpage. There are also many plugins that exist for expanded functionality.

This is the html code to add jQuery to a webpage:

<script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.5.1/jquery.min.js" type="text/javascript"></script>

The ready function starts immediately when the DOM can be operated on

$(“document”).ready(function() { };

$(function() { }); (shorthand)

Change all paragraph elements

$("p").css("color", "gray");

Change an ID

$(“#title”).css(“font-size”, “20px”);

Add a click event to run a function

$("#box").click(function() { });

Animate an element

$("#box").animate({left: '250px'});

Get a json file

$.getJSON("file.json", function (json) { });