# JQuery

* It’s a JavaScript library which is an old and widely used, which contain a large community.
* Jquery is cross-platform
* It simplifies Ajax and DOM manipulation.
* It only required less code
* It’s features are –
* Html manipulation
* Css manipulation
* DOM manipulation
* Event handling
* Ajax
* Html effects, animation
* Used in famous sites like google, Netflix, etc ..
* There is 2 way import JQuery
* CDN (Content Delivery Network) – Link of CDN will be given in the src of script tag.

Its preffered to be used because, it improve the performance of the site

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.4/jquery.min.js"></script>

* JQuery.min – download it and can be used

<script src=”js/code.jquery.com\_jquery-3.7.0.min.js”></script>

Here it saved in js folder of your computer.

It’s is written inside ‘src’ attribute inside <script> tag

* Syntax –

$(selector).action();

$ - Which indicate it is jquery

Selector – It indicates the element name, id, class, attribute name, and attribute value.

All selectors start with a dollor sign and parenthesis e.g. $(). It is known as the factory function.

Action() – It indicate action or evnets performed in that selector like, click(), mouseenter(), mouseleave(), hover() etc..

Eg-

$(p).hide();

$(this).hide();

$(‘#idName’).hide();

$(‘.className’).hide();

* Document ready event – This make the jquery code run after loading the whole document.

It’s more important when trying to hide an element which is not yet created.

$(doucment).ready(function(){

// code

});

Or it’s equivalent to-

$(function() {

//code

});