Module : jQuery programming

In this training, you will learn to program in jQuery and to create rich and cross-browser web sites: jQuery selections, handling the DOM, knowing how to process events, forms, JSON and AJAX calls.

Prerequisites : HTML5 language, Javascript programming.

OUTLINE

Selections with jQuery

Selectors by ID
Selectors by class
Selectors by tags
Selectors by attribute
Ascending selectors
Descendant Selectors
Brother Selectors
Selectors by filter
Form Selectors
Table's selectors and others

Ways to take this course: Online Instructor Led
Online self-paced
Video On Demand

Video conference tool : ZOOM

Duration : 14 H (2 days)

How to manipulate the DOM

Interact with content
Add an HTML element
Replace an HTML element
Delete an HTML element
Manipulate CSS
Storing data in the DOM

How to process events

Principle of events
Bubbling of events
Managing events
Handle mouse events
Handle keyboard events
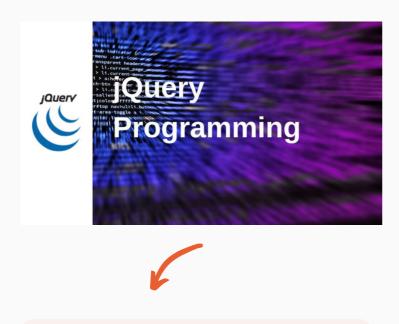Forms and Events
Browser and Events

Labs (I)

Lab: selections, applying CSS
Lab: calculate in jQuery
Lab: validating a form
Lab: creating interfaces

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OUTLINE

Mastering JSON and Ajax calls

JSON notation
What is AJAX?
XMLHttpRequest object
XHR2 Methods and Attributes
jQuery objects for Ajax
Make GET requests
POST requests
Demonstrations and illustrations

Labs (II)

Lab: create a FAQ
Lab: GET requests
Lab: using getJson
Lab: Ajax POST requests
Uploading a file via Ajax
Lab: create a MySQL dataset
Lab: CRUD on a MySQL database

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