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|  | **JAVASCRIPT** |  | **JQUERY** |
|  | It is a programming language. | It is an API (application programming interface.) | | |
|  | It is written in C. It is an interpreted language. | Uses resources given by JavaScript to make things easier. | | |
|  | With JavaScript, one needs to write their own scripting which is time-consuming. | With JQuery, one need not write much as scripting already exists. | | |
|  | With JavaScript, one needs to handle multiple- browser compatibilities by writing their own code. | With JQuery, as we all know that it is a multi-browser library. | | |
|  | With JavaScript, one has to write more lines of code. | With JQuery, one has to write fewer lines of code than JavaScript. | | |
|  | Pure JavaScript is faster in accessing DOM (document object model.) as it cut the overhead which JQuery has. | JQuery is also fast with modern browsers and modern computers. Suited for complex operations where developer are prone to mistakes and writing poor lines of code | | |
|  | Commonly used on Client-Side | Same for JQuery, it is also commonly used on Client Side. | | |
|  | Other than raw JavaScript, it is heavier than JQuery. | It is a lightweight as compared to other JavaScript libraries | | |
|  | JavaScript code must be written inside <script> and </script> tag within an HTML.                           Even we don’t need to import/add any libraries to run JavaScript code. | JQuery code also have to be inserted inside <script> and </script> tags inside HTML. We have to insert/import the JQuery libraries to run the code inside <script> and </script>.                                               JQuery libraries can be inserted/imported in two ways: 1)  Download the libraries from jQuery.com 2) Include libraries from CDN (content delivery network.) | | |
|  | There are no special symbols like JQuery to define JavaScript.      We can simply start writing JavaScript code within the script tag in HTML as described earlier. | $(selector).action() $ – a sign to define JQuery. selector – query to find HTML elements. action – JQuery action to be performed. | | |