**JQuery Self Prepared Notes**

**JQuery:**

* It is JavaScript Library.
* It simplifies JavaScript code which is easy to learn.
* It is east to learn & JQuery is a JavaScript Library.
* It is open source Library.
* **The main purpose of JQuery is to make JavaScript code much easier to use it in application.**

**What we can do with JQuery:**

1. DOM Manipulation
2. Use CSS
3. Use JavaScript Event.

**There are Two ways to use JQuery:**

1. By using CDN Link
2. By downloading.

**Official Website for JQuery:** jquery.com

**Syntax for using JQuery:**

$(document).ready(function(){

//logical code

})

-Here, $ is Preprocessor which Preprocesses the Code.

-ready() It prevents the JQuery code to execute before html or document is not loaded.

**Selectors:** It is used to select an element, It plays most important role in JQuery.

1. Element selector(): Here we use element name directly.
2. Id selector(#): It is used to select single element.
3. Class selector(.): It is used to select multiple element.
4. This keyword: it will represents current element.

* Here we saw event click, mouseover, mouseleave.
* We saw How to use CSS
* We saw How to use multiple event

**On method:** It is used to apply multiple events to an single element.

**Focus and Blur event:**

FadeIn, FadeOut, FadeToggle:

SlideIn, SlideUp, SlideToggle:

**Animate:**

To apply first we have to change element relative property only then we can apply “Animate” effect.