**JQuery**

JQuery is a lightweight JavaScript library that simplifies programming with JavaScript.

JQuery is small, fast and feature-rich JavaScript Library. It makes things like HTML document traversing and manipulation, Animation, Event handling and Ajax much simpler with an easy-to-use API that works across a multitude of browsers.

ADVANTAGES

1. JQuery is cross browser
2. JQuery is lot more easy to use JavaScript Library.
3. JQuery is extensible.
4. JQuery simplifies and has rich AJAX support
5. Excellent Documentation.

**Ready function** ensures that DOM is fully loaded and our script can start manipulating elements within DOM.

**These three syntax are equivalent**

**$(document).ready(heandler)**

**$().ready(heandler)**

**$(headler)**

Some JQuery function implicitly iterate there is no need to add explicitly each method for ex .Css iterate implicitly.