

DOM (Document Object Model)

Correct way of linking JS file :

• defer :

- Script with defer never block the page
- Script with defer always execute when the DOM is ready

• Async :

- Browser doesn't block on async script
- DOM content loaded may happen both before and after async, no guarantees here.

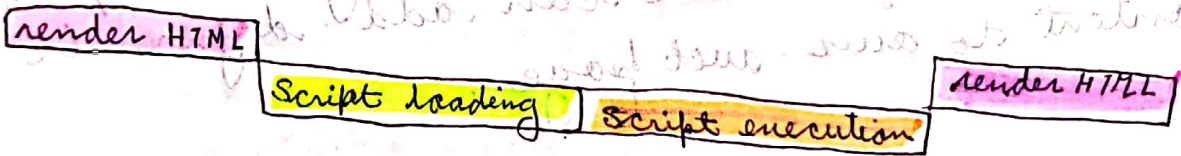
// Async

- means execute code when it is downloaded and do not block DOM construction during downloading process.

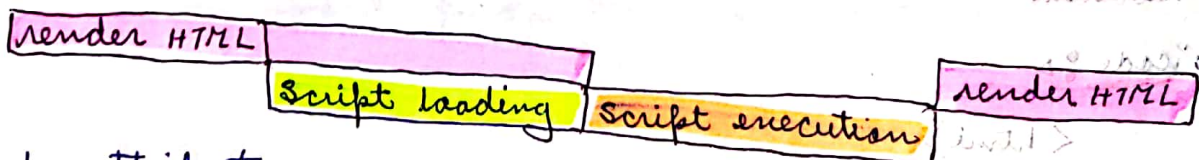
// Defer

- means execute code after its downloaded and browser finished DOM construction and rendering process.

• Synchronous JS :



• Async attribute :



• Defer attribute :

