async and defer attribute in Js. async and defer are boolean atto; butes which are used along with script tags to load the external scripts efficiently ento our bweb-page. when you load a webpage then there are 2 major things happening in the browser:

(i) [HTML Parsing f process by

which a web browser analyzes the HIML code of a web-page, creates a structured feeling son, and prepares It in the form of the Dom, and prepares It for rendering to the user.

(ii) [Loading of Caripts] Executing the executing the script line by fetching scripts from the network. Three Scenarios: (1) Only using script tag. (ii) using async attribute en script fag.
(iii) using defer attribute in script fag. - HTML Parsing Executing script tag Fetching script from network.

HTML parsing Script scr= 1) Scripts - Parsing Paused. Parsing, fetching executing NOTE J- HON Async attribute (script sor=" async !) does not Parsing Paused Parsing quarantee the order of execution of fetching executing scripts, but HTML Parsing goes on, and scripts are fetched from the network in Parallel, and as soon as the script defer does. so it is advisor le are available, the scripts are exe cuted and during execution of script, the HTML parsing is paused. After completion, the HTML parsing is paused. After completion, the PITML to use the defen scripts. y multiple scripts which Parsing continues. are dependent S & C = " /) on each other. script defer Parsing fetching executing the scripts are only executed only when she HTML Parsing is completed fully.