Node JS environment

Node js framework provides similar runtime support along with a JS engine for JS code. Difference is that there is no DOM here. Node JS has helped developers to create application (non-browser) using JS, such IoT apps, I/O applications etc. (server-side application)

JS

Node JS runtime

JS Engine [V8 engine]

JS

Browser environment

JS

JS Engine

Using DOM APIs from browser

DOM for HTML

Browser

Browser s/w provides a JS engine for the JS code to be interpreted and executed. The browser also provides the runtime, DOM library for JS, so that JS code can run and also access the HTML document and elements from code (i.e., JS can be used to create front-end or client-side application)

JS

HTML