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| **Basis Of Comparison Between JavaScript vs Node JS** | **JavaScript** | **Node JS** |
| **Type** | JavaScript is a programming language. It is running in any web browser with a proper browser engine. | It is an interpreter and environment for JavaScript with some specific useful libraries which JavaScript programming can use separately. |
| **Utility** | Mainly using for any client-side activity for a web application, like possible attribute validation or refreshing the page in a specific interval or provide some dynamic changes in web pages without refreshing the page. | It mainly used for accessing or performing any non-blocking operation of any operating system, like creating or executing a shell script or accessing any hardware-specific information or running any backend job. |
| **Running Engine** | JavaScript running any engine like Spider monkey (FireFox), JavaScript Core (Safari), V8 (Google Chrome). | Node JS only run in a V8 engine which mainly used by google chrome. And javascript program which will be written under this Node JS will be always run in V8 Engine. |