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| **HTTP1** | **HTTP2** |
| Text based request to server which is slow | Binary based instead of textual and fast. |
| Ordered and blocking | Fully multiplexed |
| Does not get fully rendered page in first response | Uses header compression to reduce overhead. |

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| **Browser JS** | **Node JS** |
| It’s a programming language used for writing scripts on website | It’s a JavaScript runtime environment |
| Runs only in browser | Can be run outside browser |
| Used on client side | Used on server side |
| Capable to add HTML tags and play with DOM | Cannot add HTML tags |
| Js can run in any browser engine. | Can run only in V8 engine of chrome |
| Used in front-end development | Used in server-side development. |