1. List 5 difference between Browser JS vs Node JS

Ans:-

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| Browser JS | Node JS |
| Browser.js is mainly used for client-side applications like validations on a web page or dynamic page display and as the name suggests it gets executed in the browser only | In the case of Node.js JavaScript code gets executed outside the browser as it is an interpreter as well as an environment for running JavaScript and used for server-side applications |
| Browser.js is used for frontend | Node.js is used for backend applications |
| Browser.js is sandboxed for the safety purposes and have access limited to the browser | Node.js has full system access i.e. can read and write directly to the file system like any other application that also concludes that we can write complete software using Node.js |
| Browser.js runs any engine like Spider monkey (Firefox), JavaScript Core (Safari), V8 (Google Chrome) accordingly to the browser | Node.js runs in a V8 engine which is mainly used by google chrome |
| Moduling is not mandatory for browser JavaScript | In Node.js everything is a module i.e. it is mandatory to keep everything inside a module |

1. Execute the below code and write your description in txt file

Ans:-

1. typeof(1) ---- number
2. typeof(1.1) ---- number
3. typeof(‘1.1’) ---- String
4. typeof(true) ---- boolean
5. typeof(null) ----- object
6. typeof(undefined) ---- undefined
7. typeof([]) ----- object
8. typeof({}) ----- object
9. typeof(NaN) ----- number