List 5 difference between Browser JS(console) v Nodejs

1. Browser JavaScript can run in different browser engine like v8 (Chrome), spidemonky (Firefox), chakra (Internet Explorer). But NodeJs run only in V8 engine use by chrome.
2. Browser js cannot directly interact with operating system. NodeJs can directly interact with operating system.
3. Browser js need to create dynamic html page to run js. In node js we no need to build html to run JavaScript.
4. Browser js need any browser to see a script output. But node js not need any application run output we can just compile the output in compiler.
5. Browser js act as frontend Clint side. Node js act as back end server side.,

How the browser actually rendered the website

1. Browser read the HTML and parse the HTML and construct DOM tree.
2. And read CSS whether it is inline CSS or external CSS and parse the CSS to construct CSSOM.
3. Browser read the JavaScript functionalities.
4. After construct Dom tree and CSSOM tree browser construct render-tree with rendering engine.
5. And construct the layout of Browser. And paint the appearance.
6. With browser js engine JavaScript code convert in to machine language.
7. Now the website get ready to use.

Execute the below code and write your description in txt file

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