# 1.List 5 difference between Browser JS(console) v Nodejs

* 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.
* while 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.
* 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
* while Browser.js is sandboxed for safety purposes and have access limited to the browser.
* Browser.js runs any engine like Spider monkey (Firefox), JavaScript Core (Safari), V8 (Google Chrome) accordingly to the browser
* while Node.js runs in a V8 engine which is mainly used by google chrome.
* Node.js is headless i.e without any GUI,
* Bowsers are not headless.
* In Node.js everything is a module i.e it is mandatory to keep everything inside a module.
* moduling is not mandatory for browser javascript.

2. how does the browser actually render a website

* Parse the HTML.
* Parse CSS.
* Create DOM.
* Create CSSOM.
* Creating a render tree from DOM and CSSOM.
* Start the layout of the page and then paint.

3. Execute the below code

* typeof(1) -Number
* typeof(1.1) -Number
* typeof('1.1') -String
* typeof(true) -Boolean
* typeof(null) -Object
* typeof(undefined) -Undefined
* typeof([]) -Object
* typeof({}) -Object
* typeof(NaN) -Number