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

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| **Browser Javascript** | **Node JS** |
| * Browser Javascript is a programming language that is used for writing scripts on the website. | * NodeJS is a Javascript runtime environment |
| * Browser Javascript can only be run in the browsers | * We can run Javascript outside the browser with the help of NodeJS |
| * It is basically used on the client-side | * It is mostly used on the server-side |
| * Browser Javascript is capable enough to add HTML and play with the DOM | * Nodejs does not have capability to add HTML tags |
| * Browser Javascript is used in frontend development | * Nodejs is used in server-side development. |

1. summary 5 points -<https://www.youtube.com/watch?v=SmE4OwHztCc&ab_channel=JSConf>

* I understand the concept of each step a browser goes to render a web page. The summary of my learning is based on the following steps:
* Start to parse the HTML.
* Fetch the external resources.
* Parse the css and build the CSSOM
* Execute the javascript.
* Merge DOM& CSSOM to construct the render tree.
* calculate layout and paint.
* After all that we have a fully rendered web page.

1. Execute the below code and write your description in txt file
   1. typeof(1) // 1 is Integer number. Integer is a number type value.
   2. typeof(1.1) // 1.1 is float .float is number type value.
   3. typeof('1.1') // ‘1.1’ is declared within a single quote it is consider as a string type value.
   4. typeof(true) // true /false is a boolean type value.
   5. typeof(null) // null is an object typed value.
   6. typeof(undefined) // undefined is an undefined type value.
   7. typeof([]) // []is an array. array is an object type value.
   8. typeof({}) // {} is an object .so object is an object type value.
   9. typeof(NaN) // not a number (NAN) represent as a number type value.