

## TASK2 SUBMISSION

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

Browser JavaScript	NodeJS
Javascript is a scripting language	It is a Javascript runtime environment.
Can be run in the browsers.	We can run Javascript outside the browser with the help of NodeJS.
Used in frontend development	Used in server-side development
Includes capabilities of HTML, DOM	Nodejs does not have capability to add HTML tags.
Javascript can run in any browser engine like Spidermonkey in Firefox.	V8 is the Javascript engine inside of node.js that parses and runs Javascript.
Used on the client-side	Used on the server-side

2. watch & summary 5 points -

[https://www.youtube.com/watch?v=SmE4OwHztCc&ab\\_channel=JSConf](https://www.youtube.com/watch?v=SmE4OwHztCc&ab_channel=JSConf)

- Parsing – HTML and CSS is parsed into a DOM tree.
- DOM Tree – A DOM tree basically comprises of a Render tree.
- Render Tree – A combination of layers, line boxes, render objects and the render styles.
- A Layout specifies where an element will be on the page
- Painting computes bitmaps and composites to screen.

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

- a. `typeof(1)` - number
- b. `typeof(1.1)` - number
- c. `typeof('1.1')` - string
- d. `typeof(true)` - boolean
- e. `typeof(null)` - object
- f. `typeof(undefined)` - undefined
- g. `typeof([])` - object
- h. `typeof({})` - object
- i. `typeof(NaN)` - number