**Tasks: Day02**

1. List 5 difference between Browser JS(console) v Nodejs
2. watch & summary 5 points -<https://www.youtube.com/watch?v=SmE4OwHztCc&ab_channel=JSConf>
3. To read -<https://stackoverflow.com/questions/5641997/is-it-necessary-to-write-head-body-and-html-tags>
4. Execute the below code and write your description in txt file
   1. typeof(1)
   2. typeof(1.1)
   3. typeof('1.1')
   4. typeof(true)
   5. typeof(null)
   6. typeof(undefined)
   7. typeof([])
   8. typeof({})
   9. typeof(NaN)
5. Read what is prototype

ANS:

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

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

# Summery of how does the browser actually render a website

* Ryan seddon explained with informative and neat way
* The browser loads the html (DOM) at first
* The browser starts to load the external resources from top to bottom, line by line.
* If a <script> is met, the loading will be blocked and wait until the JS file is loaded and executed and then continue.
* Other resources (CSS/images) are loaded in parallel and executed if needed (like CSS).

1. I have read by opening given link
2. 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
3. I have read what is prototype