1.

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| JS(Browser) | Node JS |
| * While using JS in a brower user does not have many control over the environment. * Browsers are slow to update to latest versions of Js. * Browers uses the ES module standard. * Browers does not have APIs modules to support developers. | In Node.js user can control the environment.  Node.js can be updated to the latest version of Js more easily.  Node.js uses the CommonJs module system.  Node.js has many APIs modules to support developers. |

2.

1. The video is about how a browser works internally and how it renders pages for a user ,it backend process.
2. Rather like XHTML HTML and JS are not strict,could hault execution and auto recovering from minor faults.
3. DOM treeis created from parsing HTML and CSS gets converted into render tree.
4. Layout process decides where the elements will appear on a screen.
5. Paint setup is a incrementsl process thst is build up over 12 phases.

4.

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