1. List 5 difference between Browser JS vs Node JS

|  |  |  |
| --- | --- | --- |
| Sno | Javascript | NodeJs |
| 1. | Javascript is a programming language that is used for writing scripts on the website. | NodeJS is a Javascript runtime environment. |
| 2. | Javascript can only be run in the browsers. | We can run Javascript outside the browser with the help of NodeJS. |
| 3. | It is basically used on the client-side. | |  | | --- | | It is mostly used on the server-side. | |  | |
| 4. | Javascript is capable enough to add HTML and play with the DOM. | |  | | --- | | Nodejs does not have capability to add HTML tags. | |  | |
| 5. | Javascript can run in any browser engine as like JS core in safari and Spidermonkey in Firefox. | |  | | --- | | V8 is the Javascript engine inside of node.js that parses and runs Javascript. | |  | |
| 6. | |  | | --- | | Javascript is used in frontend development. | | |  | | --- | | Nodejs is used in server-side development. | |  | |
| 7. | Some of the javascript frameworks are RamdaJS, TypedJS, etc. | Some of the Nodejs modules are Lodash, express etc. These modules are to be imported from npm. |
| 8. | It is the upgraded version of ECMA script that uses Chrome’s V8 engine written in C++. | |  | | --- | | Nodejs is written in C, C++ and Javascript. | |

2.

1. typeof(1) 🡪 number

2.type(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

1. How does browser works ?

To be continued……..