**1.Difference between Node.JS and Javascript**

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| S.No | 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.What is prototype & why it is used?

* A prototype is an early sample, model or release of a product created to test a concept or process.
* Typically, a prototype is used to evaluate a new design to improve the accuracy of analysts and system users.
* It is the step between the formalization and the evaluation of an idea.

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

typeof(1) – number

typeof(1.1) – number

typeof('1.1') – string

typeof(true) – boolean

typeof(null) - object

typeof(undefined) - undefined

typeof([]) - object

typeof({}) - object

typeof (NaN) - number