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

**Ans=**

| 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. | NodeJS code can be run outside the browser. |
| 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. | Nodejs can only run in V8 engine of google chrome. |

1. **watch & summary 5 points –**

**ANS = 1. Rendring : parsing, Layout, painting, etc**

**2 . platform**

**3 . javascript M**

**4 . speculative parsing**

**5 . parsing flow**

1. **Execute the below code and write your description in txt fil**
   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*

**5.Read what is prototype**

Ans=

The prototype is **an object that is associated with every functions and objects by default in JavaScript**, where function's prototype property is accessible and modifiable and object's prototype property (aka attribute) is not visible. ... Every function includes prototype object by default.