1.Difference Between javascript(console) vs nodejs

|  |  |
| --- | --- |
| * Javascript is a programming language that is used for writing script for website | * Nodejs is a interpreted or running in javascript |
| * Javascript is mainly used for client side activity for web application | * It is mainly used for Server side accessing or performing any non blocking operation of any os |
| * Javascript run in only browser | * Javascript run outside the browser with the help of Nodejs |
| * Javascript is capable of enough to add HTML and play with DOM | * It is not supported capability to add HTML tags |
| * Javascript is used Frontend Development | * Node js used in server side Development |

2.Summary about how browser actually render a website

* Pharse HTML and Pharse Css it rendering , layout and allingment
* HTML is forgiving by nature parsing isn’t straight forward
* Dom tree always interact javascript when you creating browser quering the dom
* Calculate visual property combine all style,external style element & inline
* Complexcity rules around matching rule for each element style computation

3.Execute below code and Write descriprtion txt file

1. type of (1) -Number
2. type of (1.1) -Number
3. type of (‘1.1’) -String
4. type of (true) -Boolean
5. type of (null) -Null
6. type of (undefined) -Undefined
7. type of ([]) -Object
8. type of({}) -Object
9. type of (NaN) -Nan