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

Javascript

1. Javascript is a programming language that is used for writing scripts on the website.
2. Javascript can only be run in the browsers.
3. It is basically used on the client-side.

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1. Javascript is capable enough to add HTML and play with the DOM
2. Javascript can run in any browser engine as like JS core in safari and Spidermonkey in Firefox.

NodeJS

1.is a Javascript runtime environment.

2. We can run Javascript outside the browser with the help of NodeJS.

3. We can run Javascript outside the browser with the help of NodeJS.

4. Nodejs does not have capability to add HTML tags.

5. V8 is the Javascript engine inside of node.js that parses and runs Javascript.

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

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)-undefinded
7. typeof([])-object
8. typeof({})-object
9. typeof(NaN)-number

2.watch & summary 5 points

A. Parsing isn’t straight forward

B. Speculative parsing will look ahead

C. Script faster to render

D. DOM+CSS combines the two object moels,style resolution

E. Visual properties are combines all styles

F. Incremental layouts

H. Doing a front-size change will relayout the entire document

5. What is Prototype? Prototypes are the mechanism by which JavaScript objects inherit features from one another. In this article, we explain how prototype chains work and look at how the prototype property can be used to add methods to existing constructors. Note: This article covers traditional JavaScript constructors and classes.