JAVASCRIPT

Javascript is a programming language that is used for writing scripts on the websites.

NODEJS

* NodeJS is a cross platform and openource javascript runtime environment that allows the javascript to be run on the server-side.
* Node JS allows javascript code to run outside the browser.
* v8 is the javascript engine inside of node.js that parses and runs javascript.
* nodejs is used in server-side development.
* In nodejs able to interact and access the file system.

JS Browser console

* javascript console is a command line interface in your browser that can executes snippets of code.
* the console is available in all browsers.ex.google chrome,firefox,safari,opera.
* In Browser the environment is based on the browser versions.
* in the browser,most of the timw what we are doing is interacting with the DOM(Document object module),OR Others Web Platforms APIs like cookies.Those do not exist in Node,.we dont have the document,window and all other objects provided by the browsers.
* A console application is primarily designed for the following reasons:To provide a simple user interfacefor application requiring little or no user interaction,such assamples for learning c# language features and command lineutility programs.
* in any browser engine as like js core in safari andspidermoneky in firefox the javascript can be run.It is the upgraded version of ECMA SCRIPT that useschrome V8 engine written in c++.