

Period-1 Plain JavaScript and Node.js



Explain differences between **Java** and **JavaScript**. You should include both topics related to the fact that Java is a compiled language and JavaScript a scripted language, and general differences in language features.

Explain, using sufficient code examples the following features in JavaScript.

- Function Closures and the JavaScript Module Pattern
- JavaScript Prototyping
- User defined Callback Functions
- Explain generally about node.js and NPM.
- Provide examples of user defined reusable modules implemented in Node.js