

## 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.

- Explain the use of: *"use strict"*
- Variable/function-Hoisting
- **this** in JavaScript and how it differs from what we know from Java/.net.
- Immediately-Invoked Function Expressions (IIFE)
- Use the Debugger to explain about the basic "things" all objects inherits from object
- User defined Callback Functions