Syllabus - Node JS

Section 1 : Introduction to Node JS

- Introduction to Node Js
- Node.js process model
- Advantages of Node Js
- Traditional web server model

Session 2: Development Environment Setup

- Node.js on Windows
- Working with REPL
- Node JS Console

Session 3: Node JS modules

- Functions, buffer, and modules
- Core modules, local modules
- Types of elements
- Modules export

Section 4: Node Package Manager

- NPM is what installs packages locally
- The package adds Js dependence
- Package is installed globally
- Updating packages

Session 5: Creating web server

- Creating web server
- Handles Http requests
- Sending requests

Session 6: File system

- Fs.readFile writes a file
- Writing a file as an assign
- Opening a file is deleting a file
- Other IO operations

Session 7: Debugging node JS application

- Core node js debugger

Session 8: Events

- Event Emmiter class
- Returning event emitter
- Inherited events

Session 9: Express JS

- Configuring the Root
- Express is using

Session 10: Serving Static Resources

- Serves static files
- Working with Middle Ware

Session 11: Database connectivity

- Connecting String, Configuring
- Select the command
- Updated records
- Deleting records

Session 12: Project Development

- Project Development with Node Js

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- Basic programming knowledge such as html, bootstrap

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