NODE.JS COURSE CONTENT

Introduction of Web Technology

- Introduction to JS
- JS evolution to server
- Why to use node?
- How to use node
- Node Package Manager

First Steps

- Node Installation
- Express Framework
- Compilation
- Execution cycle

Exploring Data Types & Functions

- Objects
- Strings
- Numbers
- Auto Casting
- Prototype
- Function
- Self-Invocation Functions
- Array
- Booleans

- Un defined

- null

Control Structures: Logical Expressions

- If statements

- Else and else if statements

- Logical operators

- Switch statements

Control Structures: Loops

- For loops

- For each loops

- Continue

- Break

User-Defined Functions

- Defining functions

- Function arguments

- Returning values from a function

- Multiple return values

- Scope and global variables

Debugging

- Developers console

- Warnings and errors

- Debugging and troubleshooting

- HTML compilation and Angular Compilation

- Compilation phase

Actual Node Topics

- Modules

- Packages

- Routers

- HTTP

- Buffer

- Reading and Writing Files

- Blocking and Non-Blocking

- Working with Promise

- Process

- Child Process

- Event Loop

- Debugger

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