SYLLABUS OF JavaScript

OVERVIEW OF JavaScript
✓ Introduction of Javascript
✓ Syntax
✓ JS Example
✓ JS variables
✓ JS Data Types
✓ JS Operators
✓ JS Function

Developer Essentials
✓ The development workflow
✓ Selecting the right tools for the job
✓ Just enough HTML and CSS
✓ Understanding objects
✓ Understanding variables
✓ Making comparisons
✓ Understanding events

C# Control Statement
✓ JS if-else
✓ JS switch
✓ JS For Loop
✓ JS While Loop
✓ JS Do-while loop
✓ JS Break
✓ JS Continue
✓ JS Goto
✓ JS Comments

JavaScript Objects
✓ JS Object
✓ JS Array
✓ JS String
✓ JS Date
✓ JS Math
✓ JS Number
✓ JS Boolean

JavaScript BOM
✓ Window object
✓ History object
✓ Navigator Object
✓ Screen Object

JavaScript DOM
✓ getElementById()
✓ getElementByClassName()
✓ getElementByName()
✓ getElementByTagName()
✓ JS innerHTML Property
✓ JS innerHTML Property

JavaScript Validation
✓ JS form validation
✓ JS email validation

JavaScript OOPs
✓ JS Class
✓ JS Object
✓ Prototype
✓ JS Constructor Method
✓ JS Static Method
✓ JS static Method
✓ JS Encapsulation
✓ JS Inheritance
✓ Polymorphism
✓ Abstraction

JavaScript Cookies
✓ JS Cookies
✓ Cookie Attributes
✓ Cookie with multiple Name
✓ Deleting Cookies

Building Smarter Forms
✓ Getting started
✓ Creating jump menus Creating dynamic menus
✓ Requiring fields
✓ Cross-checking fields
✓ Displaying more informative errors
✓ Verifying radio button selections
✓ Setting one field with another field
✓ Verifying email addresses

JavaScript Event
✓ Responding to window events
✓ Responding to mouse movements
✓ Responding to mouse clicks
✓ Responding to onBlur form events
✓ Responding to onFocus form events
✓ Responding to keyboard events

Exception Handling
✓ JS Exception Handling
✓ JS try-catch

JavaScript Misc
✓ JS this Keyword
✓ JS Debugging
✓ JS Hosting
✓ JS Strict Mode
✓ JavaScript Compare Date
JavaScript Advance

✓ JS TypedArray
✓ JS Set
✓ JS Map
✓ JS WeekSet
✓ JS WeakMap

Real World Applications of JavaScript

✓ Creating sliding menus
✓ Creating pop-up menus
✓ Creating slideshows with captions
✓ Creating a stylesheet switcher