

Students Handbook

Week 1:

Week one was added to the course to help everyone where we tap on the roots of JavaScript rather than getting our hands dirty in the core technicality. It is not only for coders/developer or those having technical background but everyone and anyone. Those who have the dedication to gain more knowledge.

Contents

- JavaScript and it's roots:
 - Timeline
 - Client side scripting & server side scripting
 - Complete lifecycle
 - The viable shift
- Browser (JavaScript hometown):
 - Web browsers before and after Javascript. Evolution from pull carts to diesel powered cars.
 - Whats under the hood
 - Battle between the browsers
- ECMA standardised the language to create ECMAScript:
- Missing The fuss about transpilers? Don't make yourself look like a developer from the nineties:
- JavaScript frameworks (let's visit their ancestor tree):
- Back to browser. This time we actually break some ice:
 - DOM (brief about how js is used to manipulate dom)
 - Events
 - Browser API
- Make friends with a unique text editor:
- Control flow and its elements (keeping JS paradigm in mind) in real life

Week 2

Mug it up, yes it will only take you a lot of practice and only practice and hours of practice to row over towards success, no there is no other way out. You will suffer if you miss out so don't slack.

The objective of this week is to learn about the inbuilt features of the language.

Contents

- Syntax
 - comments
 - semicolons
 - backslash
- General terminologies
 - syntax parser
 - compiler and interpreter
 - scope versus context
 - lexical environment
 - static scoping
 - object global object
 - execution context
 - understanding undefined versus reference error
 - function invocation
 - variable environment
 - scope chain

Week 3:

The objective of week three is to build over the concepts that you have learned and the information you have gained in the past two weeks. You will realize how we are sneakily getting deeper and deeper into learning more JavaScript concepts and how you step towards standing out as a Javascript Ninja rather than just feeling like a commonplace copy paste JavaScript developer

Contents

- Functions : First class Objects
- Hoisting and Scoping
- `this` keyword
- Closures - A protective bubble
- Call, Apply and Bind
- Partially applying functions and Currying

Week 4:

After learning in depth about JavaScript and its building blocks we definitely have to learn how code organisation, modularity and code reuse is possible in Javascript.

Any web application when scaling to cater millions of users could be home to small pitfalls which would become

Contents

- Understanding prototypes
- Using functions as constructors
- Extending objects with prototypes

T&C

Terms and Conditions are subject to change anytime without any prior notification.

1. If the duration of the course discussed with you is 'x' months then you will be charged the disclosed amount for those specific number of months.
2. However if the course duration exceeds the duration that you agree upon, any extra months will be charged separately.