01

Introduction

What you will Learn

* Story of JavaScript
* JavaScript feature
* JavaScript framework and Library

History of JavaScript

* In 1993, **Mosaic**, the first popular web browser, came into existence.
* In the **year 1994**, Netscape was founded by **Marc Andreessen**.
* in 1995, the company recruited **Brendan Eich** intending to implement and embed Scheme programming language to the browser. But, before Brendan could start, the company merged with **Sun Microsystems** for adding Java into its Navigator so that it could compete with Microsoft over the web technologies and platforms. Now, two languages were there: Java and the scripting language. Further, Netscape decided to give a similar name to the scripting language as Java's. It led to 'Javascript'. Finally, in May 1995, Marc Andreessen coined the first code of Javascript named **'Mocha'**. Later, the marketing team replaced the name with **'LiveScript'.** But, due to trademark reasons and certain other reasons, in December 1995, the language was finally renamed **to 'JavaScript'**. From then, JavaScript came into existence.

Java script feature

* JavaScript Released by Netscape
* Light Weight Scripting language
* Dynamic Typing
* Object-oriented programming support
* Functional Style

What is Framework and Library?

* Framework:
  + it is piece of code that define architecture of application and flow of application.
  + Frameworks provide proper way to build and deploy application.
  + Framework calls the code

Top 3 JS Framework 2022.

1. Angular - developed by google
2. Node JS – Node.js is an open-source, runtime environment built to execute JavaScript outside of a browser,

which distinguishes it from the front-end focused frameworks

1. Vue

* Library –
  + Library is set of reusable functions used by application
  + It is important in program to linking and binding process
  + Code calls to library functions

Top 3 Js Library 2022

1. React - Developed by Facebook
2. jQuery – Open source and used to add functionality
3. Ajax - Open source

Angular Vs ReactA picture containing diagram

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