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## Introduction

### What you will Learn

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- story of JavaScript
- JavaScript feature
- JavaScript framework and Library

### History of JavaScript

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- 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

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

## What is Framework and Library?

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### ➤ 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
3. 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 React

