Learning React.js with Principles of Programming Languages

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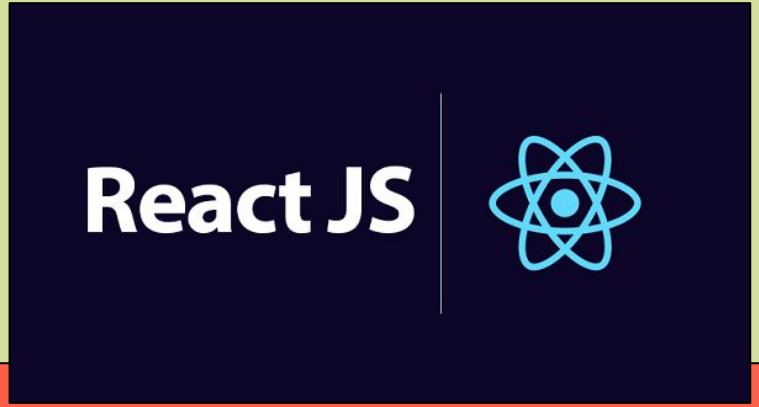
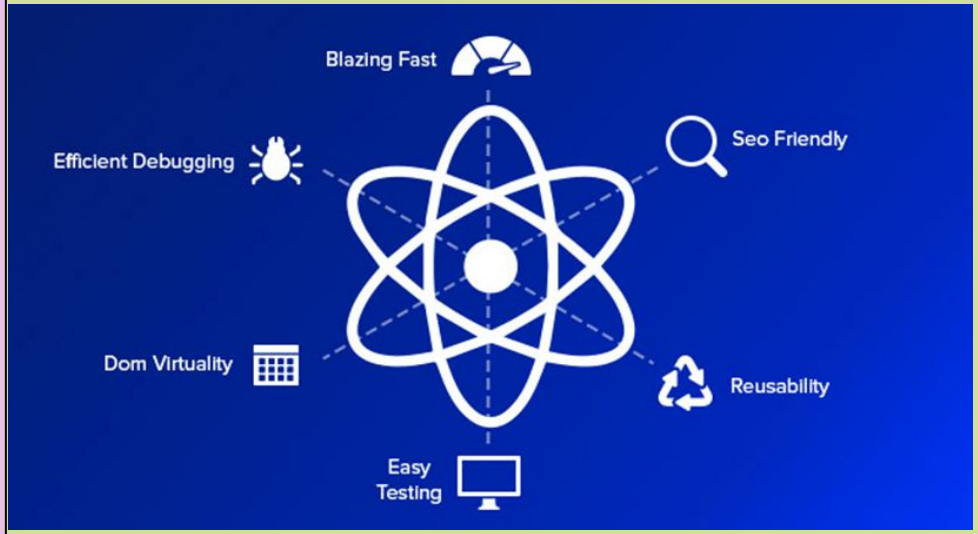


INTRODUCTION

What is React.js?

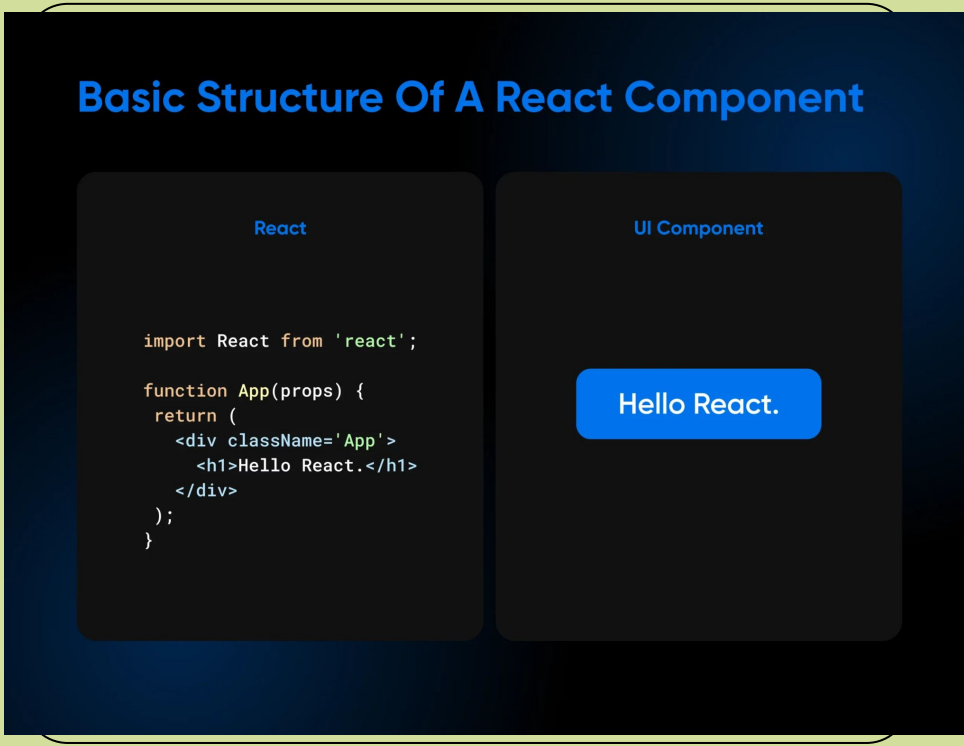
- Powerful JavaScript library for building user interfaces
- Created by FaceBook
- Uses JavaScript

Commonly used for web applications, and it provides a lot of advantages



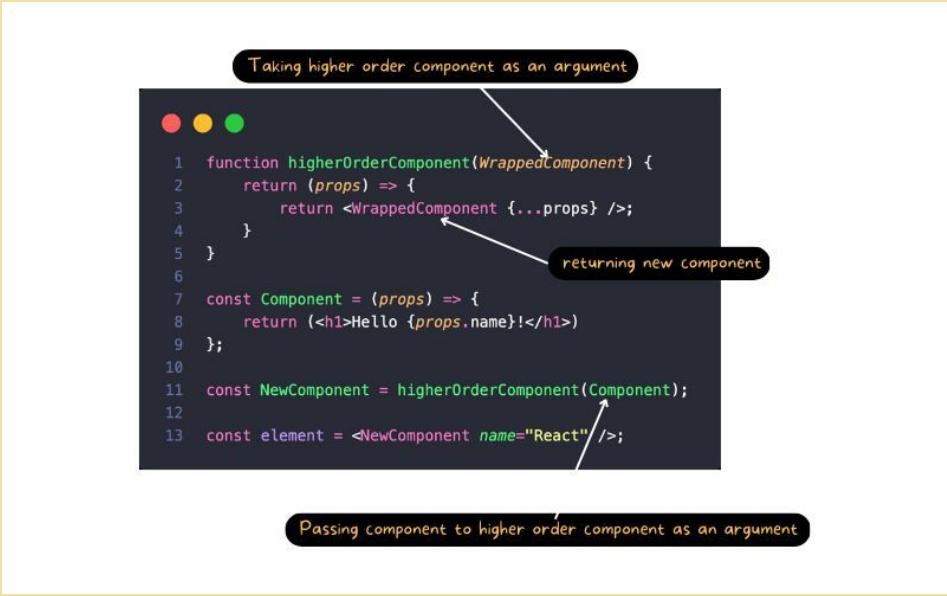
Why React.js?

- React makes use of components (similar to functions)
- Virtual DOM (updates real DOM depending on changes)
- Declarative Programming Language



How it relates?

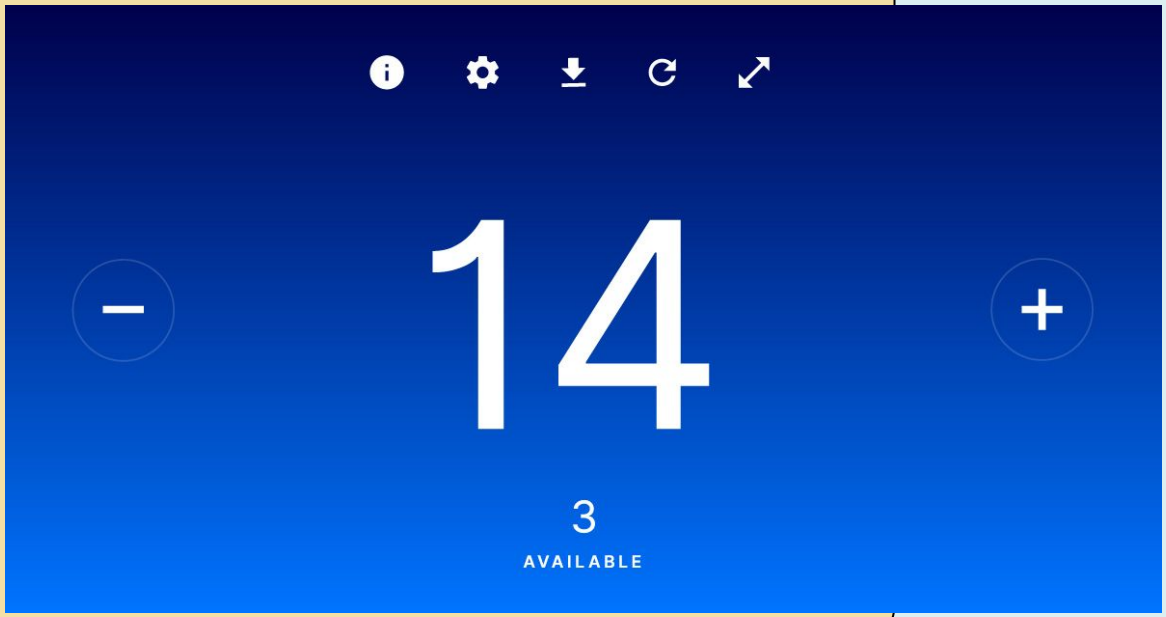
- Functions as values: Components are basically functions
- Higher Order Functions: React uses higher-order functions frequently
- Mutability: React uses mutability and immutability for different aspects.



Counter App

Section 1, Chapter Title

Let’s build a counter web app



SUMMARY

1. What is React.js? A powerful JavaScript library for building user interfaces

2. How it relates to this course? Functions as values, Higher Order Functions, Mutability

3. Building a counter web app

THANK YOU