

# Welcome to ReactJS



Presented by: Hau Nguyen

# About me

- Open, Friendly
- University of Science
- Fullstack at KMS
- FE Leader at Gee Pacific
- SSE at fram^
- Instructor at Nordic Coder



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# About the course

- 10 working sessions
- Labs on class
- Homework to practice
- Learn with me <3
- Code review
- Coding convention

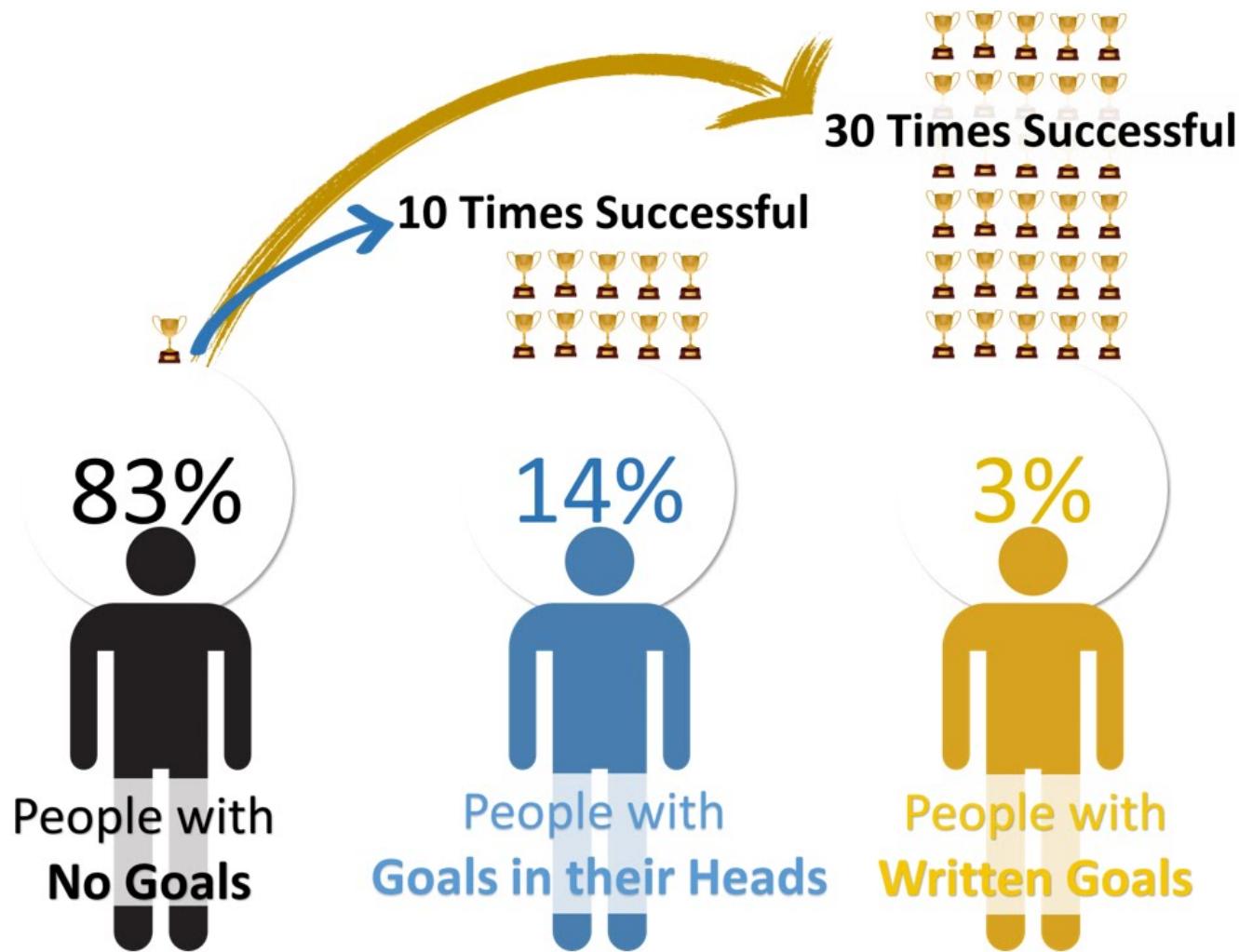


# TIPs to win this course

- Come earlier 10m
- Support each other
- Ask questions (class, slack)
- Do homework
- Read more tutorials
- Attend 10/10 sessions <3



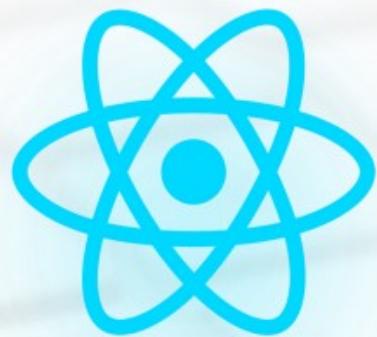
# Let's set your goal!!!



# Agenda

- What and why ReactJS?
- Virtual DOM
- JSX
- Component
- Demo
- Q & A

NEW BATTLE



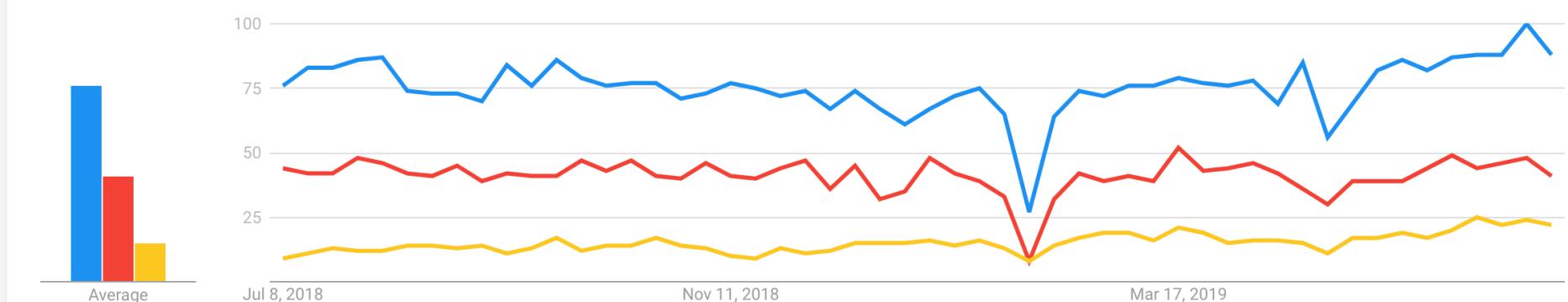
VS



VS



2019



## Compared breakdown by subregion

Subregion ▾ [Download](#) [Share](#)

react angular vue

Color intensity represents percentage of searches [LEARN MORE](#)

Sort: Interest for react ▾

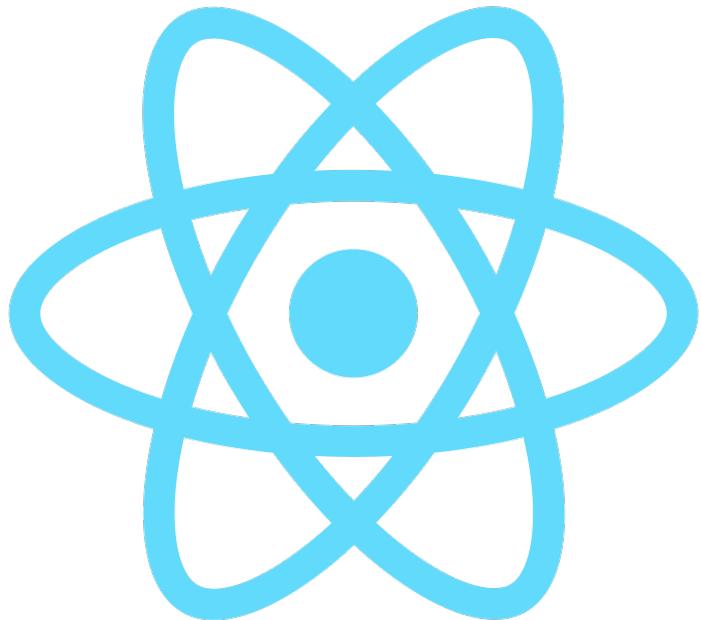
1	Tien Giang	
2	Lâm Đồng	
3	Thai Nguyen	
4	Ba Ria - Vung Tau	
5	Binh Thuan	

&lt; Showing 1-5 of 28 subregions &gt;

# What is ReactJS?

# What is ReactJS?

- React is a Javascript **library** for building **user interfaces (UI)**.
- It is maintained by **Facebook**.



# Why ReactJS?

## PROS



Virtual DOM



Time taking on  
complex cases



Seo Friendly



Reusable  
Components

## CONS



Improper  
Documentation



Easy data flow



JSX as a barrier



Easy debugging  
& testing



# React

# Who are using ReactJS?



<https://medium.com/@coderacademy/32-sites-built-with-reactjs-172e3a4bed81>

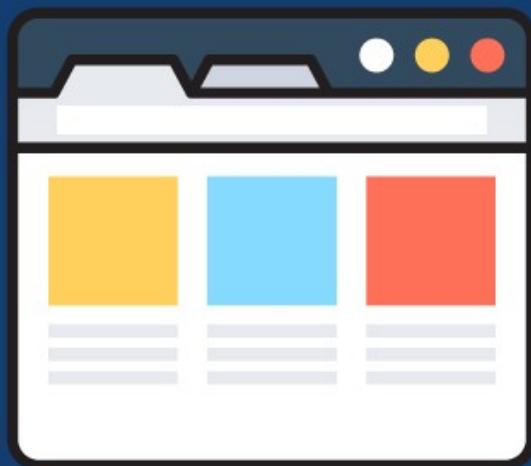
# How to write ReactJS?

- The most popular code editor
- It's FREE
- Powerful with Git integration
- Pair programming with Liveshare

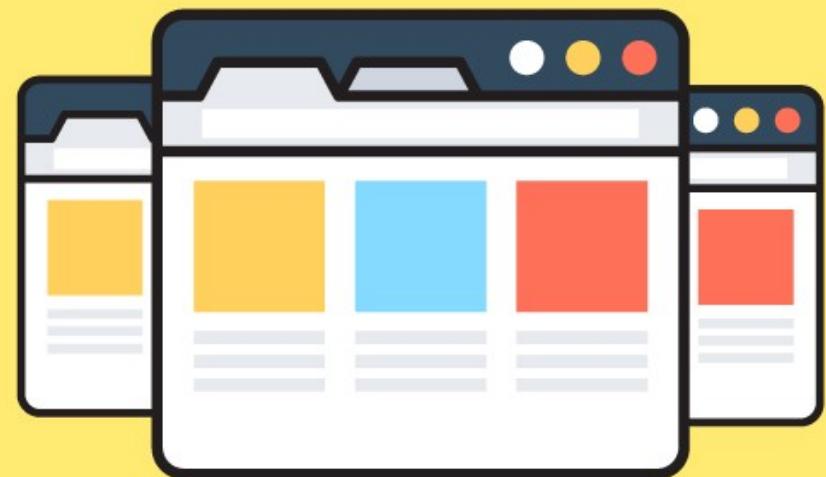


# SPA or MPA

Multiple Page Applications



VS

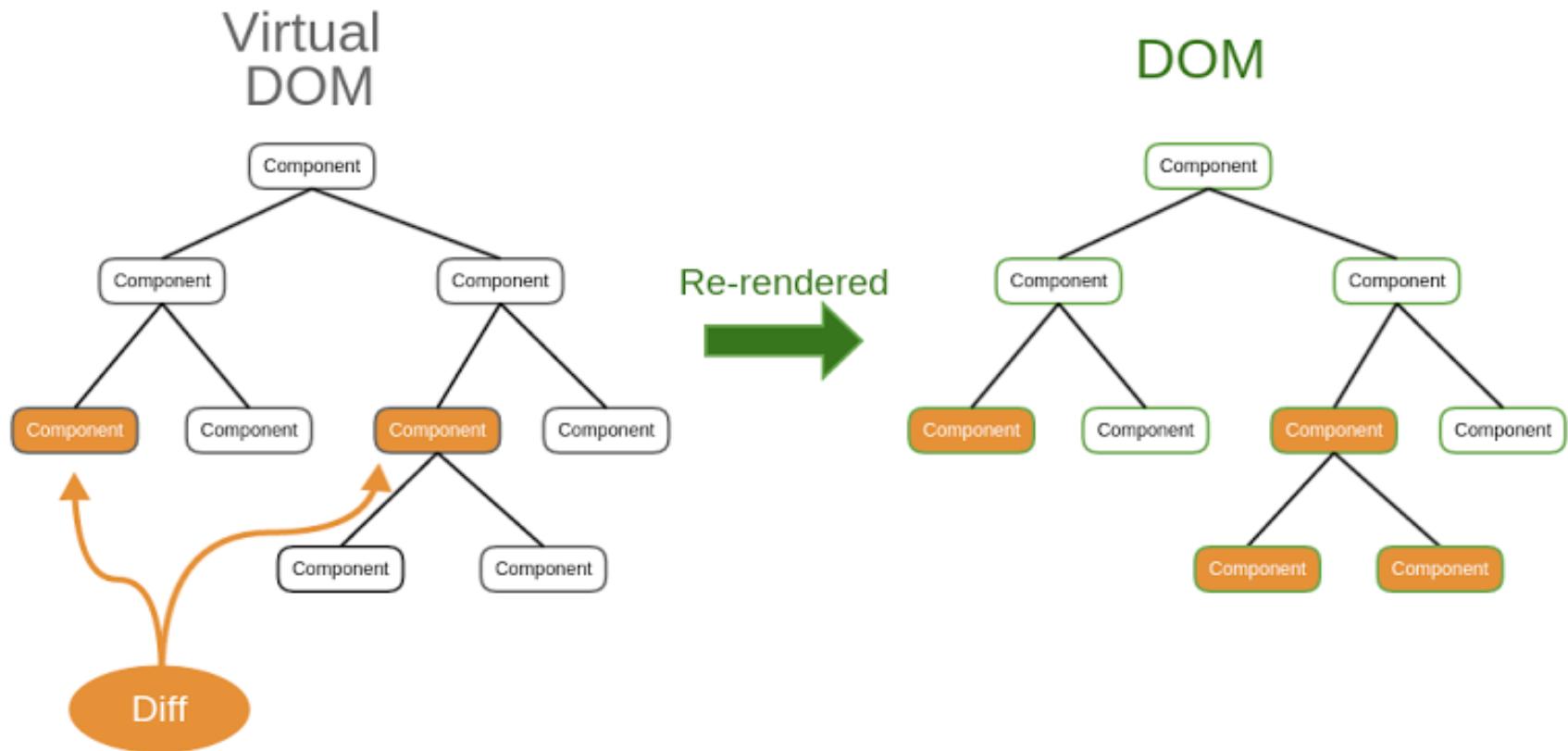


Single Page Applications

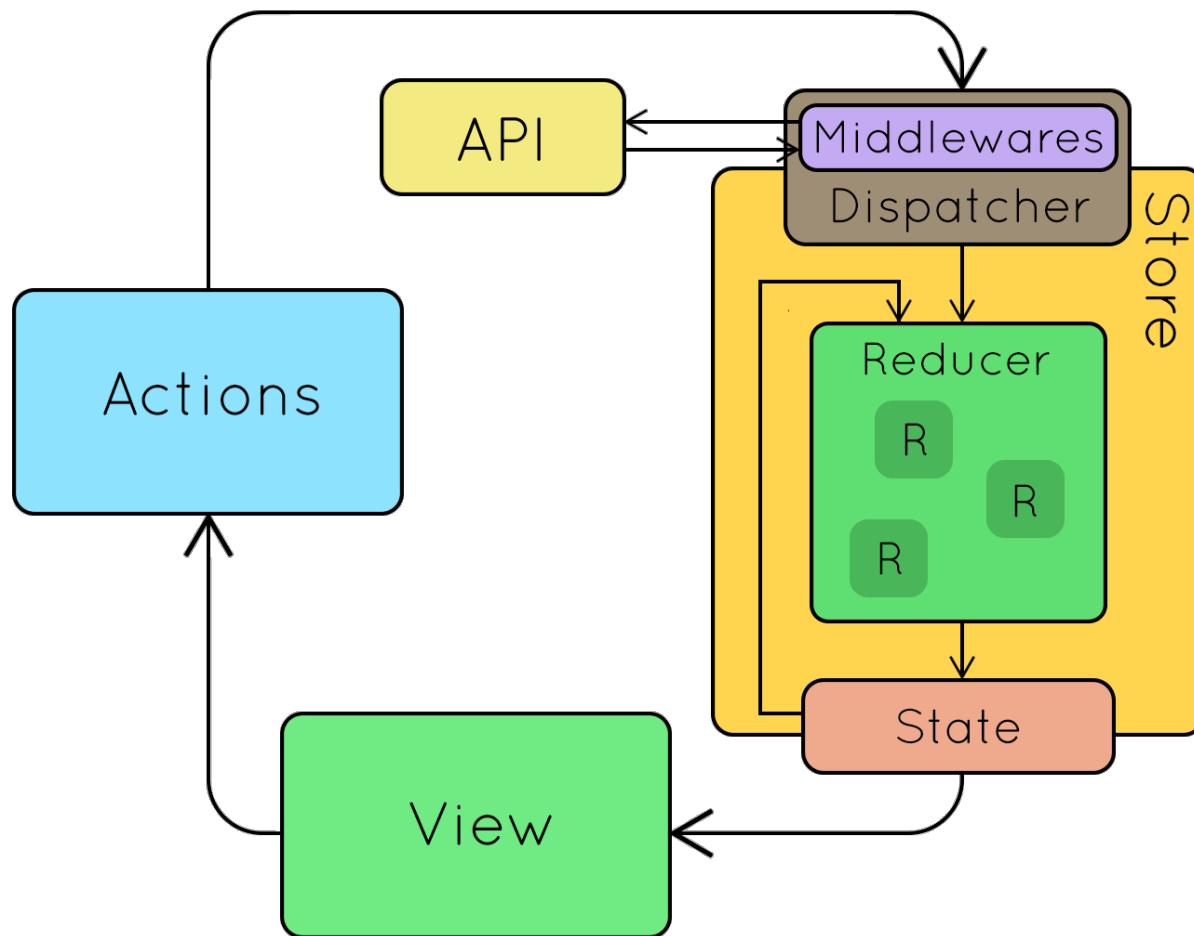


[www.techuz.com](http://www.techuz.com)

# Virtual DOM vs DOM



# React Flow Architecture



# JSX Syntax



# JSX Syntax

```
class App extends Component{  
    render(){  
        return(  
            <div className="App">  
                <h1> Hello, World! </h1>  
            </div>  
        );  
    }  
}  
  
export default App;
```

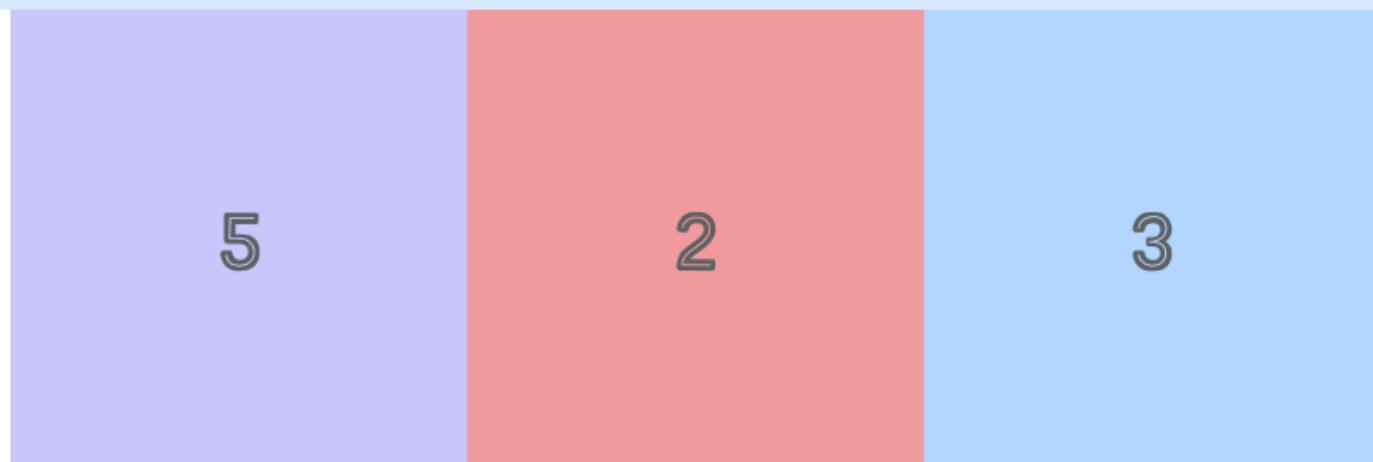
# Setup environment

```
npx create-react-app my-app  
cd my-app  
npm start
```

# Component

# AWESOME LOGO

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**Thank You  
And see you ;)**

