React

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# Node

## Install node.js

<https://nodejs.org>

## install create-react-app package

sudo npm i -g create-react-app

## code editor

Visual Studio Code

<http://code.visualstudio.com>

## code editor extentions

Simple react snippets

Preitter

Settings > Format code on save

# Create project

## Create project

sudo create-react-app ProjectName

cd ProjectName

## Start

npm start

<http://localhost:3000>

# Bootstarp

sudo npm i bootstrap

in index.js add

import "bootstrap/dist/css/bootstrap.css";

<span className=”badge badge-primary”>title</span>

<span className=”badge badge-warning”>title</span>

## Components

Components folder

### movies.jsx

imrc ->

import React, { Component } from ‘react’;

cc ->

class ClassName extends Component {

state = {

count: 1

imageUrl: “https://picsum.photos/200”;

};

render() {

return

<React.Fragment>

<h1>Hello World</h1>

<p>Count: {this.state.count}</p>

<img src={this.state.imageUrl} alt=”” />

<button>Click</button>

<React.Fragment>;

}

}

Export default ClassName;

### In index.Js

Import Movies from “./components/movies”;

ReactDom.render(<Movies />, …

# Map to <li> or <td>

state = {

tags: [“tag1”, “tag2”, “tag3”]

};

Render() {

Return (

<ul>{this.state.tags.map(tag => <li key={tag}>{tag}</li>)}</ul>

);

}

* tag1
* tag2
* tag3