**Basic steps to use React Js 🡪**

* Install global packages

1. Npm install –g babel
2. Npm install –g babel-cli

* Create folder & npm init

1. Here a package.json file will be generated
2. npm install webpack --save
3. npm install webpack-dev-server --save

* Installing react now,& added to package.json file

1. Npm install react –save
2. Npm install react-dom –save

* Install some babel plugins

1. npm install babel-core
2. npm install babel-loader
3. npm install babel-preset-react
4. npm install babel-preset-es2015

* Folder structure

1. Index.html 🡪

<!DOCTYPE **html**>  
<**html**>  
   
<**head**>  
 <**title**>React App</**title**>  
  
</**head**>  
   
<**body**>  
 <**div id="container"**>  
  
 </**div**>  
 <**div**><**h3**>Hiiii</**h3**></**div**>  
 <**script src="output/myCode.js"**></**script**>  
</**body**>  
   
</**html**>

1. Dev/App.jsx 🡪

**import** React **from 'react'**;  
  
**class** App **extends** React.*Component* {  
 render() {  
 **return** (  
 <**div**>  
 <**Header** />  
 <**h4**>Hello React</**h4**>  
 </**div**>  
 );  
 }  
}  
  
**class** Header **extends** App{  
 render() {  
 **return** (  
 <**div**>  
 <**h1**>Hello H1 here</**h1**>  
 </**div**>  
 );  
 }  
}  
**export default** App;

1. Dev/index.jsx 🡪

**import** React **from "react"**;  
**import** ReactDOM **from "react-dom"**;  
**import** App **from "./App.jsx"**;  
**import** Header **from "./App.jsx"  
import 'react-hot-loader/patch'**;  
**import** { **AppContainer** } **from 'react-hot-loader'**;  
  
  
ReactDOM.**render**(  
 <**div**>  
 <**App** />  
 </**div**>  
 ,  
 **document**.querySelector(**"#container"**)  
);

1. Webpack.config.js 🡪

**var** webpack = require(**"webpack"**);  
**var** path = require(**"path"**);  
   
**var** DEV = path.resolve(\_\_dirname, **"dev"**);  
**var** OUTPUT = path.resolve(\_\_dirname, **"output"**);  
   
**var** config = {  
 **entry**: DEV + **"/index.jsx"**,  
 **output**: {  
 **path**: OUTPUT,  
 **filename**: **"myCode.js"** },  
 **devServer**: {  
 **inline**: **true**,  
 **port**: 7777  
 },  
 **module**: {  
 **loaders**: [{  
 **include**: DEV,  
 **loader**: **"babel-loader"**,  
 }]  
 }  
};  
   
**module**.**exports** = config;

1. Output/myCode.js 🡪here output code file will be generated

* Running the code

1)start d:/AmrutaDhabale/studyreact/node\_modules/.bin/

webpack -d --watch

2)npm start

3)open localhost:7777