



# **< React Js />**

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# React Js

- React Installation
- Link for installation <https://nodejs.org/en/>
- `node --version , npm --version, npm create-react-app appname`
- `cd appname , npm start` url like 127.0.0.8000
- open text editor sublime, or Atom, link <https://www.sublimetext.com/3>
- open sublime go to file select appname folder
- file structures like is
  - `node_modules, public ,src/app.css,app.js,apptest.js, etc`
- if need more files or folder we can , `gitignore,`
- `package-lock.json ,package.json`

# React Components

1. Components they are two types Functional,Class

Rule:the component's name must start with an upper case letter.

Components are independent and reusable of code.its returns HTML Elements via a render function.

```
function Welcome(props) {  
  return <h1>Hello, {props.name}</h1>;  
}
```

# React Components

- Functional components

A functional component is just a plain JavaScript function which accepts props as an argument and returns a React element

Ex:

```
Function Welcome(props){  
  return <h1>Hello World<h1>  
    Props.name  
  };  
}
```

# React Components

- Class Components

A class component requires you to extend from `React.Component` and create a render function which returns a React element.

// MyComponent.js

```
import React, { Component } from 'react';  
class ClassName extends Component {  
  render() {  
    return (  
<div><h1>Hello World</h1>.</div> );  
  } } export default ClassName;
```



< THANK YOU />

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