

* Components \notin JSX →

Component

(APP.js)

Ex → function APP() {
 return (
 <h1> Welcome to React </h1>
);
}
export default APP;

} → JSX (Javascript + HTML)

We have (index.js) →

```
import React from 'react';
import ReactDOM from 'react-dom';
import './index.css';
import APP from './APP';
```

React.DOM.render(

<APP />, (name of the component)
document.getElementById('root')

);

→ The React.DOM.render takes two statements —

- ① Name of the component
- ② Where you want to render that component.

(index.html)

```
<head>
</head>

<body>
<div id="root"></div>

</body>
```

{ 'render' is a function present inside the ReactDOM library! }

[Complementary library to react]

When this code (index.js) is running the compiler runs it like →

{ React.createElement("hi", null, "text"); }

↓ ↓ ↓
Tag. props (styling) Message
we want
to print.

[This is not visible to us but it is performed in such a way.]

* [The task of React is to create an element whereas, the ReactDOM renders that element on the screen.]

* NPM → (Node Package Manager.)

→ To write our own apps in react we will be needing a boilerplate called 'CreateReactApp'.

- So, in order to install that Boilerplate or any library we have in react including react we will be needing "npm".
- npm is the Package manager for the Node Javascript Platform.