A React Component

Wednesday, March 16, 2022   6:13 PM

React Component

```
 <script
src="https://unpkg.com/react@17/umd/react.development.j
s" crossorigin ></script>
```

- Conceptually similar to an HTML Element
- Below is the code for something like a h2 tag

```
<h2>Hello From React</h2>
```

```
var  component = React.createElement( "h2",
                         null,
                         "Hello From React" );
```

1. Tag name
2. Attributes needed
3. content

Virutal DOM

- React components are not really HTML Element.
- They are virtual objects that will be translated to HTML element by another library
- React maintains a virtual DOM in memory for faster maniuplation
- This virutal DOM can't be directly displayed in browser using

~~document.getElementById("placeholder").innerHTML = reactComponent;~~

ReactDOM

- Another library that translates a virtual DOM into a real DOM

- This library will be used only once in your entire application

```
 <script src="https://unpkg.com/react-dom@17/umd/react-
dom.development.js" crossorigin></script>
```