Javasciprt modules: all the code in separate files is siloed; can’t make reference to any variables in that other file

Code that is declared in other files have zero contact with this file unless explicitly access to code

For instance, some file accessing **App** variable -> No access unless explicitly access to app inside of this other file

Import React from ‘react’;

Find the library called **react** installed in my application dependency which is installed in the node modules folder. Go and find that library and assign it to the variable **React**

**ReactDOM vs React**

**Warning: React.render is deprecated. Please use ReactDom.render form Require(react-dom’) instead**

Import ReactDOM from ‘react-dom’;

ReactDOM.render(<App />, document.querySelector(‘.container’))

**ReactDOM a separate library that takes a component and insert/render into the DOM**

**Create a component == Create a class/type of a component == const App = function() == class not instance == this function as a factory which produces instances of the actual components that rendered to the DOM**

**Can have many different instances of App**

**Need to instantiate components before render to the DOM**

**<div> class to instance in jsx**

**Component Class == const App = function()**

**Component Instance == <App></App> OR <App />**

**\*One component per file**