REACT

npx create-react-app my-app => command to create a react application.

npm start => Starts the development server.

npm run build => Bundles the app into static files for production.

npm test => Starts the test runner.

npm run eject => Removes this tool and copies build dependencies, configuration files and scripts into the app directory. If you do this, you can’t go back!

npm cache clean --force – To clean the cache of npm

Code to display Hello World!

import React from 'react'

import ReactDOM from 'react-dom'

function App() {

return(

<h1>Hello World!</h1>

)

}

ReactDOM.render(<App />,document.getElementById('root'))  
  
Inside a style Tag we need { { } } to add a style for that tag or so.

We can only return only element from a given component.

* Export default is used to pass a component so it can be used by other components.
* We can use return() in a functional component but an alternative is ()
* We can reuse a component by just passing a parameter {} and give the value as {}  
  Example: {title} and the value will be {title} while calling a component we need to call it as <Component title=”Text” />
* If we have () then function is expecting something to return and no braces then no return type.

**PROPS**: Values which are being passed from one component to the other.  
**STATE**: A central variable which store the data which can be used anywhere and it can be used only in class component.

* Never Update state variable directly. (Mutate)
* Any change in state react re-renders on its own and no need of page reload.

**Reactstrap**: Bootstrap is added in react and can be used here as Reactstrap.\

**React-icons**: All the embedded icons can be found here in react-icons.

**react-toastify**: Get Tosting messages.

<https://react-icons.github.io/react-icons/icons?name=fa>

* TypeError: Cannot read property 'createElement' of undefined  
  SOLUTION: import React,{useState} from 'react'; which was   
  import { React ,useState} from 'react';
* Custome based CSS need to be called last prior to any other CSS.