REACT is a javascript library used to create websites (allows u to easily create single page app)

Node installed (for create react app)

C:\REACT>npx create-react-app weather-app // to get boiler plate app

cd .\weather-app\

code . (to start vsc)

**npm run start (starts local server)**

Visual Studio Code

Simple React Snippets (extensions)

Emmet (include languages) javascript/javascriptreact

PS C:\Users\New> node -v

v14.17.3

from cmd / **code** . // to auto create project

cd project

npm run start to see in browser

npm install to regenerate node\_modules from package.json

jsx similar to html (bable converst jsx tohtml)

className -> class in html (reserved word in js

Import App from App.js

Rendered to the DOM using react dom library

import App from './App';

ReactDOM.render(

  <React.StrictMode>

    <App />

  </React.StrictMode>,

  document.getElementById('root')

);

A component (App) is a function App – as below

And we must always return something (usually a jsx template)

And export so u can use elsewhere

import './App.css';

function App() {

  return (

    <div className="App">

      <div className="con">

        <h1>App Component</h1>

      </div>

    </div>

  );

}

export default App;

sundry

import './App.css';

import Navbar from './Navbar';

function App() {

  const title = 'Welcome to the new blog';

  const likes = 50;

  //const person = { name: 'yoshi', age: 30 }

  const link = "http://www.google.com";

  return (

    <div className="App">

      <div className="content">

        <h1>{title}</h1>

        <p>Likes {likes} times</p>

        {/\*<p>{person}</p>\*/}

        <p>{100}</p>

        <p>{"hello ninjas"}</p>

        <p>{[1, 2, 3, 4, 5]}</p>

        <p>{Math.random() \* 10}</p>

        <a href="http://www.google.com">Google Site</a>

        <p>---</p>

        <a href={link}>Dynamic Google Site</a>

      </div>

    </div>

  );

}

export default App;

Compnoent tree below

