Basics of react js

import './App.css';

import { Component } from 'react';

class App extends Component

{

  render(){

    var firstName='Geetha';

    var element=<h2 className='firstClass'>welcome {firstName}</h2>

    return (<div>

      <h1> React js is Javascript Library</h1>

      <h2 className='firstClass'> Use to create SPA</h2>

      <p> React is maintained by facebook. </p>

      <p> Addition of 23+90 = {23+90}</p>

      <p> FirstName {firstName}</p>

      <p>{element}</p>

      {element}

    </div>

    )

  }

}

Index.css

body {

  margin: 0;

  font-family: -apple-system, BlinkMacSystemFont, 'Segoe UI', 'Roboto', 'Oxygen',

    'Ubuntu', 'Cantarell', 'Fira Sans', 'Droid Sans', 'Helvetica Neue',

    sans-serif;

  -webkit-font-smoothing: antialiased;

  -moz-osx-font-smoothing: grayscale;

}

code {

  font-family: source-code-pro, Menlo, Monaco, Consolas, 'Courier New',

    monospace;

}

.firstClass

{

  background-color:aquamarine;

  color: blueviolet;

  padding: 5px;

  border: dotted 2px black;

}

.demo

{

  color: brown;

}

How to apply inline styles:

class App extends Component

{

  render(){

    var myStyle={

      fontsize:45,

      color:'brown',

      border:2,

      background:'silver'

    }

    var firstName='Geetha';

    var element=<h2 className='firstClass'>welcome {firstName}</h2>

       {/\* This is a comment in JSX \*/}

    return (<div>

      <h1> React js is Javascript Library</h1>

      <h2 className='firstClass'> Use to create SPA</h2>

      <p data-demoAttribute="demo"> React is maintained by facebook. </p>

      <p style={myStyle}> Addition of 23+90 = {23+90}</p>

      <p> FirtName {firstName}</p>

      <p>{element}</p>

      {/\*element\*/}

    </div>

    )

  }

}

JSX cannot allow to use if-else statements. Instead of it, you can use conditional (ternary) expressions.

class App extends Component

{

  render(){

    var  i=11;

    var result=i%2;

    return (<div>

      <h2> example for ternary operator</h2>

      <p>{result==0?'Even Number':'Odd Number'} </p>

    </div>

    )

  }

}

Components: