import logo from './logo.svg';

import './App.css';

import { Component } from 'react';

class App extends Component {

   state={

    value :"ajay"

  }

  handleChange = event=>

  {

    console.log(event);

    console.log(event.target);

    console.log(event.target.value);

    console.log("Inside Method");

    this.setState({value : event.target.value.toUpperCase()});

  }

  render()

  {

  return (

    <div className="App">

      <form>

        <h2> Controlled by React </h2>

        <input type="text" value={this.state.value} onChange={this.handleChange}/>

      </form>

    </div>

  );

}

}

export default App;

import React, { Component } from 'react'

export default class FormsDemo extends Component {

  state=

  {

     firstName:"",

     lastName:"",

     eMail:"",

     mobile:""

  }

  // handle1 = e=>

  // {

  //    this.setState({firstName :e.target.value});

  // }

  // handle2 = e=>

  // {

  //   this.setState({lastName :e.target.value});

  // }

  // handle3 = e=>

  // {

  //   this.setState({eMail :e.target.value});

  // }

  //   handle4 = e=>

  // {

  //   this.setState({mobile :e.target.value});

  // }

  handle = e=>

  {

    this.setState({[e.target.name]: e.target.value});

  }

  SubmitData = e =>

  {

    console.log(`Details are :   ${this.state.firstName}   ${this.state.lastName}`);

    console.log(this.state.lastName);

    console.log(this.state.eMail);

    console.log(this.state.mobile);

     alert("Form is submitted");

     e.preventDefault();

  }

  render() {

    return (

      <div>

<form onSubmit={this.SubmitData}>

  <div>

    <label> First Name </label>

    <input type="text" value={this.state.firstName} name="firstName" onChange={this.handle}/>

  </div>

  <div>

    <label> Last Name </label>

    <input type="text" value={this.state.lastName} name="lastName" onChange={this.handle}/>

  </div>

  <div>

    <label> EMail </label>

    <input type="text" name="eMail" value={this.state.eMail}

    onChange={this.handle}/>

  </div>

  <div>

    <label> Mobile </label>

    <input type="text" name="mobile" value={this.state.mobile}

    onChange={this.handle}/>

  </div>

<button type='submit'> Submit </button>

</form>

      </div>

    )

  }

}

import React, { Component } from 'react'

export default class UnControlledDemo extends Component {

  constructor(props)

  {

    super(props);

    this.myref = React.createRef();

    this.SubmitData =this.SubmitData.bind(this);

  }

  SubmitData(e)

  {

     e.preventDefault();

    //  console.log(this);

    //  console.log(this.myref);

     console.log(this.myref.current.value);

  }

  render() {

     return (

      <div>

        <h1> UnControlledDemo </h1>

        <form onSubmit={this.SubmitData}>

<input type="text" ref={this.myref}/>

<button type='submit'> Submit </button>

        </form>

      </div>

    )

  }

}

import React, { Component } from 'react'

export default class AddNumbers extends Component {

  constructor(props)

  {

    super(props);

    this.state={

      no1: this.props.no1,

      no2:this.props.no2,

      res:0

    }

    // }

    // this.handle = this.handle.bind(this);

  }

  handle = e=>

  {

    // console.log("a");

    // console.log(e.target.name);

    // console.log(e.target.value);

    this.setState({[e.target.name] : e.target.value});

  }

  AddNumbers = e =>

  {

     e.preventDefault();

     this.setState({res : parseInt(this.state.no1) +parseInt(this.state.no2)});

  }

  render() {

    return (

      <div className='container'>

      <h1>AddNumbers</h1>

      <form onSubmit={this.AddNumbers}>

       <div className='form-group'>

         <label> Enter No 1</label>

         <input type="number" className="form-control" name='no1' value={this.state.no1} onChange={this.handle}/>

       </div>

       <div className='form-group'>

         <label> Enter No 2</label>

         <input type="number" className="form-control" name='no2' value={this.state.no2} onChange={this.handle}/>

       </div>

       <div className='form-group'>

         <label> Result </label>

         <input type="number" className="form-control" name='res' value={this.state.res} onChange={this.handle}/>

       </div>

       <button className='btn btn-danger' type='submit'> Add </button>

      </form>

      </div>

    )

  }

}

UnCo

import React, { Component } from 'react'

export default class AddNumbersUsingUC extends Component {

  constructor(props)

  {

    super(props);

    this.no1 = React.createRef();

    this.no2 = React.createRef();

    this.res = React.createRef();

    this.AddNumbers = this.AddNumbers.bind(this);

  }

  AddNumbers(e)

  {

    e.preventDefault();

    this.res.current.value = parseInt(this.no1.current.value) + parseInt(this.no2.current.value);

  }

  render() {

    return (

      <div>

        <h1> AddNumbersUsingUC </h1>

        <form onSubmit={this.AddNumbers}>

        <div className='form-group'>

         <label> Enter No 1</label>

         <input type="number" className="form-control" ref={this.no1}/>

       </div>

       <div className='form-group'>

         <label> Enter No 2</label>

         <input type="number" className="form-control" name='no2' ref={this.no2}/>

       </div>

       <div className='form-group'>

         <label> Result </label>

         <input type="number" className="form-control" name='res'ref={this.res}/>

       </div>

       <button className='btn btn-danger' type='submit'> Add </button>

        </form>

        </div>

    )

  }

}