Soal 1:

import React, { Component } from 'react';

export default class App extends Component {

  render() {

    const numbers = [1, 3, 5, 7, 9, 11];

    const newNumber = numbers.map((el, ind) => <li key={ ind }>{ el }</li>)

    return (

      < div >

        <ul>

          { newNumber }

        </ul>

      </div >

    );

  }

}

Soal 2:

const array = [

{

nama: 'Bejo'

},

{

name: 'Jhonson'

},

{

jenengan: 'Budi'

},

{

nami: 'Aminah'

}

]

Tidak bisa dibuatkan list

Soal 3:

import React, { Component } from 'react';

export default class ControlledForm extends Component {

    constructor(props) {

        super(props)

        this.state = {

            nama: '',

            gaji: 0,

            jenisKel: '',

            skills: [],

            alamat: ''

        }

        this.handleChange = this.handleChange.bind(this)

        this.handleSubmit = this.handleSubmit.bind(this)

        this.handlePick = this.handlePick.bind(this)

    }

    handleChange = (event) => {

        const { name, value } = event.target

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

    }

    handlePick = (e) => {

        console.log(e.target.value)

        let sk = [...this.state.skills]

        let indexItem = sk.findIndex(el => e.target.value === el)

        if (indexItem > 0) {

            sk = [...sk.slice(0, indexItem), ...sk.slice(indexItem + 1, sk.length)]

        } else if (indexItem === 0) {

            sk = [...sk.slice(indexItem + 1, sk.length)]

        } else {

            sk.push(e.target.value)

        }

        this.setState({ skills: sk })

    }

    handlePilih = (e) => {

    }

    handleSubmit = (e) => {

        e.preventDefault()

        alert(`nama : ${this.state.nama} gaji saya : ${this.state.gaji} alamat saya di : ${this.state.alamat} skills saya : ${this.state.skills} dan saya berjenis kelamin ${this.state.jenisKel}`)

    }

    render() {

        const { nama, gaji, jenisKel, alamat, skills } = this.state

        return (

            <div>

                <form onSubmit={ this.handleSubmit } style={ { display: 'flex', flexDirection: 'column', width: '400px' } }>

                    <label>Nama</label>

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

                    <br />

                    <label>Gaji</label>

                    <input type="number" name="gaji" value={ gaji } onChange={ this.handleChange } />

                    <br />

                    <label>Laki2</label>

                    <input type="radio" name="jenisKel" value="laki-laki" checked={ jenisKel === 'laki-laki' } onChange={ this.handleChange } />

                    <label>Perempuan</label>

                    <input type="radio" name="jenisKel" value="perempuan" checked={ jenisKel === 'perempuan' } onChange={ this.handleChange } />

                    <br />

                    <label>Skills</label>

                    <select name="skills" multiple value={ skills } onChange={ this.handlePick }>

                        <option>FullStack Dev</option>

                        <option>FrontEnd Dev</option>

                        <option>BackEnd Dev </option>

                        <option>DevOps </option>

                    </select>

                    <br />

                    <label>Alamat</label>

                    <textarea name="alamat" value={ alamat } onChange={ this.handleChange } />

                    <input type="submit" value="proses" />

                </form>

            </div>

        )

    }

}

Soal 4:

import React, { Component } from 'react';

export default class UncontrolledForm extends Component {

    constructor(props) {

        super(props)

        this.handleSubmit = this.handleSubmit.bind(this)

        this.inputNama = React.createRef()

        this.inputGaji = React.createRef()

        this.InputRadio = React.createRef()

        this.InputRadio2 = React.createRef()

        this.selectSkills = React.createRef()

        this.inputAlamat = React.createRef()

    }

    handleSubmit = (e) => {

        e.preventDefault()

        alert(`nama : ${this.inputNama.current.value} gaji saya : ${this.inputGaji.current.value} alamat saya di : ${this.inputAlamat.current.value}  dan saya berjenis kelamin ${this.InputRadio.current.value}`)

    }

    render() {

        return (

            <div>

                <form onSubmit={ this.handleSubmit } style={ { display: 'flex', flexDirection: 'column', width: '400px' } } >

                    <label>Nama</label>

                    <input type="text" name="nama" ref={ this.inputNama } />

                    <br />

                    <label>Gaji</label>

                    <input type="number" name="gaji" ref={ this.inputGaji } />

                    <br />

                    <label>Laki2</label>

                    <input type="radio" name="jenisKel1" value="laki-laki" ref={ this.InputRadio } />

                    <label>Perempuan</label>

                    <input type="radio" name="jenisKel2" value="perempuan" ref={ this.InputRadio2 } />

                    <br />

                    <label>Skills</label>

                    <select name="skills" multiple ref={ this.selectSkills }>

                        <option>FullStack Dev</option>

                        <option>FrontEnd Dev</option>

                        <option>BackEnd Dev </option>

                        <option>DevOps </option>

                    </select>

                    <br />

                    <label>Alamat</label>

                    <textarea name="alamat" ref={ this.inputAlamat } />

                    <input type="submit" value="proses" />

                </form>

            </div>

        )

    }

}