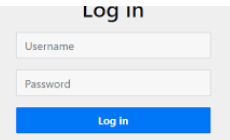
**React Assignment:2**

1. **Apply the concept of conditional rendering, to display the Login Component if the user is not logged in, or display the NumberList component if he or she is logged in.**

****

**NumberList View**

**import React from 'react';**

**import NumberList from './NumberList';**

**export default class Login extends React.Component{**

**constructor(props){**

**super(props);**

**this.state = {**

**uid:"user",**

**pass:"1234",**

**isLoggedIn: false,**

**inuid:"",**

**inpass:"",**

**}**

**}**

**saveUnameInput=(event)=>{**

**this.setState({**

**inuid: event.target.value**

**});**

**}**

**savePassInput=(event)=>{**

**this.setState({**

**inpass: event.target.value**

**});**

**}**

**content=(event)=>{**

**const style = {**

**width: "30%",**

**height: "30px",**

**borderRadius: "15px",**

**border: "0px"**

**}**

**const button ={**

**width: "30%",**

**height: "30px",**

**borderRadius: "15px",**

**border: "0px",**

**color: "white",**

**backgroundColor: "rgb(4, 128, 245)"**

**}**

**const numbers = [1,2,3,4,5,6];**

**const status = this.state.isLoggedIn**

**if(!status){**

**return(**

**<div style={this.props.style}>**

**<h1>Log in</h1>**

**<input type="text" style={style} placeholder="Username" onChange={this.saveUnameInput}></input><br></br>**

**<br></br>**

**<input type="password" style={style} placeholder="Password" onChange={this.savePassInput}></input><br></br>**

**<br></br>**

**<button style={button} onClick={this.logIn}>Submit</button>**

**<br></br>**

**<br></br>**

**</div>**

**);**

**}**

**return(**

**<NumberList style = {style} number={numbers}/>**

**);**

**}**

**logIn=(event)=>{**

**var inuid = this.state.inuid;**

**var inpass = this.state.inpass;**

**var uid = this.state.uid;**

**var pass= this.state.pass;**

**if(uid===inuid & pass===inpass){**

**this.setState({isLoggedIn: true})**

**}**

**else{**

**this.setState({isLoggedIn: false})**

**}**

**}**

**render(){**

**return(**

**<div>**

**{this.content()}**

**</div>**

**);**

**}**

**}**

**------------------------**

**export default function NumberList (props){**

**const numbers = props.number;**

**return(**

**<div style={props.style}>**

**<ul>**

**{numbers.map((number)=>**

**<li>{number}</li>**

**)}**

**</ul>**

**</div>**

**);**

**}**

1. **Create a UI for the below State data. Create Component named TableRow that accepts state data as the props and renders each item as as a Table Row.**

**this.state = {**

**data:**

**[**

**{**

**"id":1,**

**"name":"Foo",**

**"age":"20"**

**},**

**{**

**"id":2,**

**"name":"Bar",**

**"age":"30"**

**},**

**{**

**"id":3,**

**"name":"Baz",**

**"age":"40"**

**}**

**]**

**}**

**import React from 'react';**

**import TableRow from './TableRow.js'**

**export default class Table extends React.Component {**

**constructor() {**

**super();**

**this.state = {**

**data:[**

**{**

**"id":1,**

**"name":"Foo",**

**"age":"20"**

**},**

**{**

**"id":2,**

**"name":"Bar",**

**"age":"30"**

**},**

**{**

**"id":3,**

**"name":"Baz",**

**"age":"40"**

**}**

**]**

**}**

**}**

**render() {**

**const tableStyle={**

**border:"1px solid black"**

**}**

**return (**

**<div style = {this.props.style}>**

**<table style={tableStyle}>**

**<tr style = {tableStyle}>**

**<th style = {tableStyle}>ID</th>**

**<th style = {tableStyle}>NAME</th>**

**<th style = {tableStyle}>AGE</th>**

**</tr>**

**{this.state.data.map((dynamicComponent, i) => <TableRow style = {tableStyle}**

**key = {i} componentData = {dynamicComponent}/>)}**

**</table>**

**</div>**

**);**

**}**

**}**

**-------------------------**

**import React from 'react';**

**export default class TableRow extends React.Component {**

**constructor(props){**

**super(props);**

**}**

**render() {**

**return (**

**<tr style = {this.props.style}>**

**<td style = {this.props.style}>{this.props.componentData.id}</td>**

**<td style = {this.props.style}>{this.props.componentData.name}</td>**

**<td style = {this.props.style}>{this.props.componentData.age}</td>**

**</tr>**

**);**

**}**

**}**