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.

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>

);

}

2.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.

import React from 'react';

import TableRow from './TableRow.js'

export default class Table extends React.Component {

constructor() {

super();

this.state = {

data:[

{

"name":"cram",

"age":"23",

"gender":"M"

},

{

"name":"ral",

"age":"23",

"gender":"M"

},

{

"name":"marc",

"age":"23",

"gender":"M"

}

]

}

}

render() {

const tableStyle={

border:"1px solid black"

}

return (

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

<table style={tableStyle}>

<tr style = {tableStyle}>

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

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

<th style = {tableStyle}>GENDER</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.name}</td>

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

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

</tr>

);

}

}