Forms in React

Make Component Make 2 input field and button Use state for every input field Update State on Change Print State on Button Click

Create Form.js:-

```
import React from 'react'
export default class Forms extends React.Component{
    constructor()
        super()
        this.state={
```

```
render()
    return(
        <div>
            <h1>Form Handling</h1>
            <input type="text" name="user" />
            <br/><br/>
            <input type="password" name="password" />
            <br/><br/>
            <button>Submit</button>
        </div>
```

```
▲ OPEN EDITORS 2 UNSAVED
                          src > JS App.js > 😭 App
                                  import React from 'react';

    JS App.js src

                  3, M
                                  import logo from './logo.svg';
    JS Forms.js src
                    U
                                  import './App.css';

        ■ Untitled-1

                                  import Forms from './Forms'
                             4

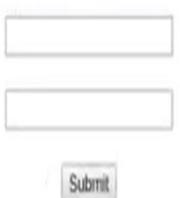
▲ BLOG

                                  function App() {
 node_modules
                                     return (
 public
                                       <div className="App">
                                       Forms, />
                             8

▲ SCC
                                       </div>
   # App.css
                            10
                                     );
  JS App.js
                  3, M
                            11
   JS App.test.js
                            12
   JS Forms.js
                     U
                                  export default App;
                            13
   # index.css
                            14
```



Form Handling



Create two state for user and password:-

```
constructor()
    super()
    this.state={
        user:null,
        password:null
```

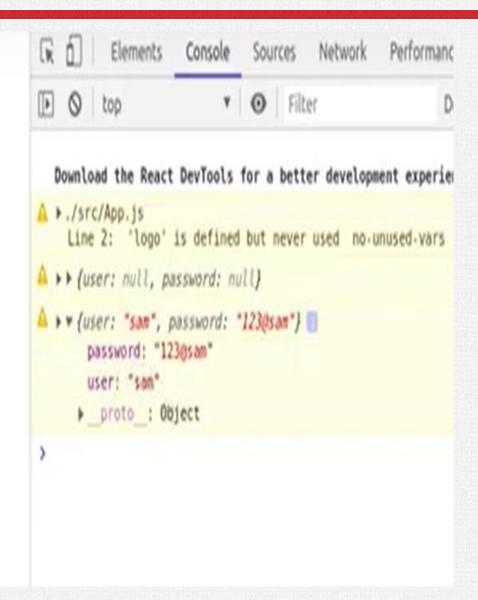
```
r() {
eturn (
   <div>
       <h1>Form Handling</h1>
       <input
           type="text"
           name="user"
           onChange={(e)=>{this.setState({user:e.target.value})}}
       1>
       <br /><br />
       <input
           type="password"
           name="password"
           onChange={(e)=>{this.setState({password:e.target.value})
       />
       <br /><br />
       <button>Submit</button>
   </div>
```

Create a function and fetch print the states:-

Form Handling

sam

Submit



Validation

```
super();
 this.state={
   name:"",
   password:"",
submit()
               alert(message?: any): void
 alert("submit")
render() {
 return (
   <div className="App">
   <h1>Form Validation</h1>
   <input type="text" onChange={(event)=>{this.setState({name:event.target.value})}} />
   <input type="password" onChange={(event)=>{this.setState({password:event.target.value})}} />
   <button onClick={()=>this.submit()}>Submit</button>
   </div >
```

Declare the nameError, passwordError

```
super();
  this.state={
    name: "",
    password: "",
    nameElror: "",
    passwordError: ""
valid()
submit()
  if(this.valid())
    alert("form has been submited")
```

{this.state.nameError}

```
render() {
 return
   <div className="App">
   <h1>Form Validation</h1>
   <input type="text" onChange={(event)=>{this.setState({name:event.target.value})}} />
   {this.state.nameError}
   <input type="password" onChange={(event)=>{this.setState({password:event.target.value})}} />
   <button onClick={()=>this.submit()}>Submit</button>
   </div>
```

```
valid()
 if(!this.state.name.includes("@") && this.state.password.length<5)</pre>
                                                                                           set
   this.setState(
     {nameError: "Invalid Name" [, passwordError: "Password lenght should be more than 5 ]"}
submit()
  if(this.valid())
    alert("form has been submitted")
```

```
valid() {
if (!this.state.name.includes("@") && this.state.password.length < 5) {</pre>
    this.setState(
      { nameError: "Invalid Name", passwordError: "Password lenght should be more than 5" }
submit() {
  if (this.valid()) {
    alert("form has been submited")
render() {
  return (
    <div className="App">
      <h1>Form Validation</h1>
      <input type="text" onChange={(event) => { this.setState({ name: event.target.value }) }} />
      {this.state.nameError}
      <input type="password" onChange={(event) => { this.setState({ password: event.target.value }) }} />
      {this.state.passwordError}
      <button onClick={() => this.submit()}>Submit</button>
    </div >
```

```
valid() {
 if (!this.state.name.includes("@") && this.state.password.length < 5) {</pre>
    this.setState(
      { nameError: "Invalid Name", passwordError: "Password lenght should be more than 5" }
  else if (!this.state.name.includes("@")) {
    this.setState(
      { nameError: "Invalid Name" }
  else if (this.state.password.length < 5) {
    this.setState(
      { passwordError: "Password length should be more than 5" }
  else{
    return true
```

Form Validation

hello

Invalid Name

•••

Password enght should be more than 5

Submit

```
submit() {
  this.setState(
    { nameError: "", passwordError: "" }
 if (this.valid()) {
   alert("form has been submited")
render()
```