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| **Practical 4:- Simple Login Form using ReactJS** |

**App.js**

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| import { useState } from 'react'  import './App.css'  export default function App() {  const [isSubmit, setIsSubmit] = useState(false);  const [userName, setUserName] = useState('');  const [password, setPassword] = useState('');  const [userNameError, setUserNameError] = useState('');  const [passwordError, setPasswordError] = useState('');  const database = [  { username: 'Asif',  password: 'Asif@123' },  { username: 'Anish',  password: 'Anish@123'}];  const handleSubmit = (e) => {  e.preventDefault();  setUserNameError('');  setPasswordError('');  const userData = database.find((val) => val.username === userName);  if (userData) {  if (userData.password !== password) {  setPasswordError('Password not valid');  }  else {  setIsSubmit(true);  }}  else {  setUserNameError('Username not valid');  }}  return ( <>  <div className='App'>  <div className="form-container">  <h2>Login</h2>  {isSubmit ? (  <p>Successfully Logged In</p>  ) : (  <form onSubmit={handleSubmit}>  <input type='text' placeholder="Username" onChange={(e)=> setUserName(e.target.value)} /><span>{userNameError}</span>  <br /><br />  <input type='password' placeholder="Password" onChange={(e)=> setPassword(e.target.value)} />  <span>{passwordError}</span><br /><br />  <input type='submit' value="Login" />  </form> )}  </div>  </div>  </>  )}  **Output:-** |