

Que):Creating react login and signup page using local storage.

Ans:

Login.js:

```
// Login.js

import React, { useState } from 'react';

//import { useHistory } from 'react-router';

import { useNavigate } from 'react-router-dom';

import './login.css'

function Login() {

  const [email, setEmail] = useState("");

  const [password, setPassword] = useState("");

  //const history = useHistory();

  const navigate = useNavigate();

  const handleLogin = () => {

    // Validate credentials here (e.g., check against stored credentials)

    // For simplicity, let's assume we store credentials in local storage

    const storedEmail = localStorage.getItem('email');

    const storedPassword = localStorage.getItem('password');

    if (email === storedEmail && password === storedPassword) {

      // Successful login

      navigate('/dashboard');

    } else {

      // Invalid credentials
```

```

        alert('Invalid email or password');
    }
};

return (
    <div className='container'>
        <h2>Login</h2>
        <input type="email" placeholder="Email Address" value={email} onChange={(e) =>
setEmail(e.target.value)} />
        <input type="password" placeholder="Password" value={password} onChange={(e) =>
setPassword(e.target.value)} />
        <button onClick={handleLogin}>Login</button>
        <p>Don't have an account? <a href="/signup">Sign up</a></p>
    </div>
);
}

export default Login;

```

Login.css:

```

body {
    font-family: Arial, sans-serif;
    background-color: #f0f0f0;
}

.container {
    max-width: 400px;
    margin: 0 auto;
}

```

```
padding: 20px;

background-color: #fff;

border-radius: 8px;

box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}
```

```
h2 {

    text-align: center;

    margin-bottom: 20px;
}
```

```
input[type="text"],
input[type="email"],
input[type="password"] {

    width: 100%;

    padding: 10px;

    margin-bottom: 15px;

    border: 1px solid #ccc;

    border-radius: 5px;

    box-sizing: border-box;
}
```

```
button {

    width: 100%;

    padding: 10px;

    background-color: #007bff;
```

```
    color: #fff;

    border: none;

    border-radius: 5px;

    cursor: pointer;
}

button:hover {

    background-color: #0056b3;
}

p {

    text-align: center;
}

a {

    color: #007bff;

    text-decoration: none;
}

a:hover {

    text-decoration: underline;
}
```

Signup.js:

```
import React, { useState } from 'react';

// import { useHistory } from 'react-router';

import { useNavigate } from 'react-router-dom';

import './signup.css';
```

```

function Signup() {

  const [fullName, setFullName] = useState("");
  const [location, setLocation] = useState("");
  const [email, setEmail] = useState("");
  const [mobileNumber, setMobileNumber] = useState("");
  const [password, setPassword] = useState("");

  // const history = useHistory();

  const navigate = useNavigate();

  const handleSignup = () => {

    // Store new user data in local storage

    localStorage.setItem('fullName', fullName);
    localStorage.setItem('location', location);
    localStorage.setItem('email', email);
    localStorage.setItem('mobileNumber', mobileNumber);
    localStorage.setItem('password', password);

    // Redirect to login page after signup

    navigate('/');

  };

  return (

    <div className='container'>

      <h2>Sign Up</h2>

      <input type="text" placeholder="Full Name" value={fullName} onChange={(e) =>
setFullName(e.target.value)} />

      <input type="text" placeholder="Location" value={location} onChange={(e) =>

```

```
setLocation(e.target.value)} />

    <input type="email" placeholder="Email Address" value={email} onChange={(e) =>
setEmail(e.target.value)} />

    <input type="text" placeholder="Mobile Number" value={mobileNumber} onChange={(e) =>
setMobileNumber(e.target.value)} />

    <input type="password" placeholder="Password" value={password} onChange={(e) =>
setPassword(e.target.value)} />

    <button onClick={handleSignup}>Sign Up</button>

</div>

);

}

export default Signup;
```

signup.css:

```
/* signup.css */

.container {

    width: 300px; /* Adjust the width as needed */

    margin: 0 auto; /* Center horizontally */

    padding: 20px;

    background-color: #fff;

    border-radius: 8px;

    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);

}

h2 {
```

```
text-align: center;

margin-bottom: 20px;

}
```

```
input[type="text"],
input[type="email"],
input[type="password"] {

width: 300px;

padding: 10px;

margin-bottom: 15px;

border: 1px solid #ccc;

border-radius: 5px;

box-sizing: border-box;

/* display: flex;

justify-content: center; */

/* margin-left: 200px; */

align-items: center;

}
```

```
button {

width: 300px;

padding: 30px;

background-color: #007bff;

color: #fff;

border: none;

border-radius: 5px;
```

```
    cursor: pointer;
}

button:hover {
    background-color: #0056b3;
}

p {
    text-align: center;
}

a {
    color: #007bff;
    text-decoration: none;
}

a:hover {
    text-decoration: underline;
}
```

Dashboard.js:

```
// Dashboard.js

import React from 'react';

//import { useHistory } from 'react-router';

import { useNavigate } from 'react-router-dom';

import './dashboard.css';
```

```
function Dashboard() {  
  //const history = useHistory();  
  const navigate = useNavigate();  
  const handleLogout = () => {  
    // Clear user credentials from local storage  
    localStorage.removeItem('email');  
    localStorage.removeItem('password');  
    // Redirect to login page after logout  
    navigate('/');  
  };  
  return (  
    <div>  
      <h2>Dashboard</h2>  
      <p>Welcome! You are logged in.</p>  
      <button onClick={handleLogout}>Logout</button>  
    </div>  
  );  
}  
  
export default Dashboard;
```

dashboard.css:

```
.container {  
  max-width: 800px;  
  margin: 50px auto;  
  padding: 20px;
```

```
background-color: #fff;

border-radius: 8px;

box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);

}
```

```
h2 {

    text-align: center;

    margin-bottom: 20px;

}
```

```
p {

    text-align: center;

    margin-bottom: 20px;

}
```

```
button {

    display: block;

    margin: 0 auto;

    padding: 10px 20px;

    background-color: #007bff;

    color: #fff;

    border: none;

    border-radius: 5px;

    cursor: pointer;

}
```

```
button:hover {

    background-color: #0056b3;
```

```
}
```

App.js:

```
import React from 'react';

import { BrowserRouter as Router, Route,Routes } from 'react-router-dom';

import Login from './components/Login/Login';

import Signup from './components/SignUp/SignUp';

import Dashboard from './components/Dashboard/Dashboard';

function App() {

  return (

    <Router>

      <Routes>

        <Route exact path="/" element={<Login/>} />

        <Route path="/signup" element={<Signup/>} />

        <Route path="/dashboard" element={<Dashboard/>} />

      </Routes>

    </Router>

  );

}

export default App;
```