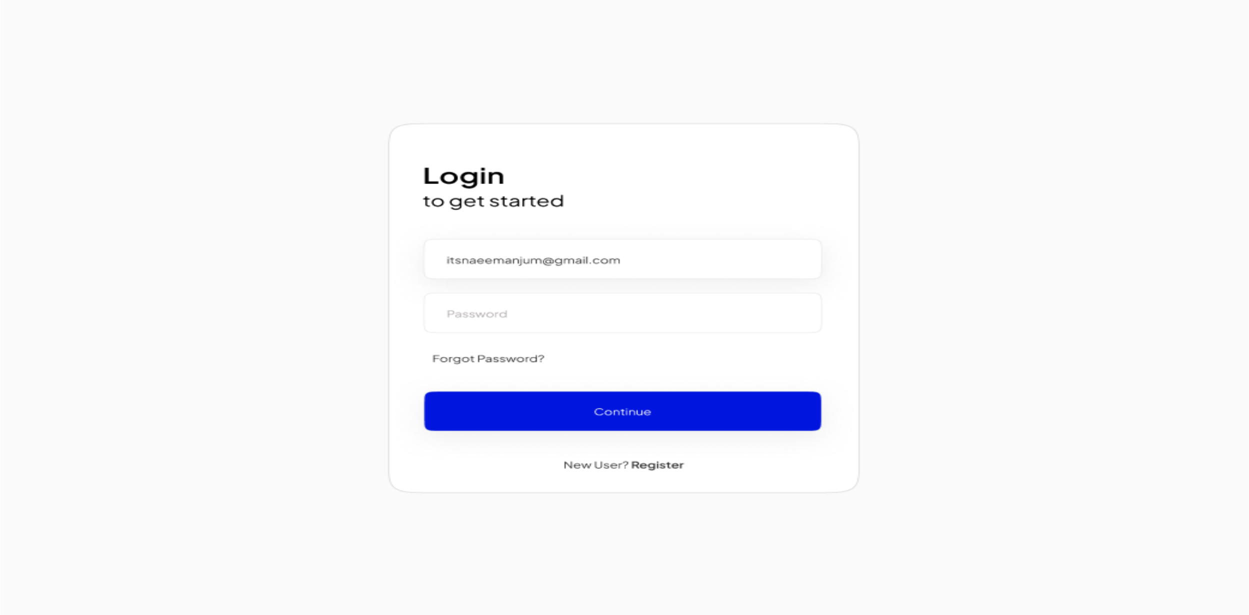
Task

Aim: Create only frontend using React for below Images

Login Page:



Login
to get started

itsnaeemanjum@gmail.com

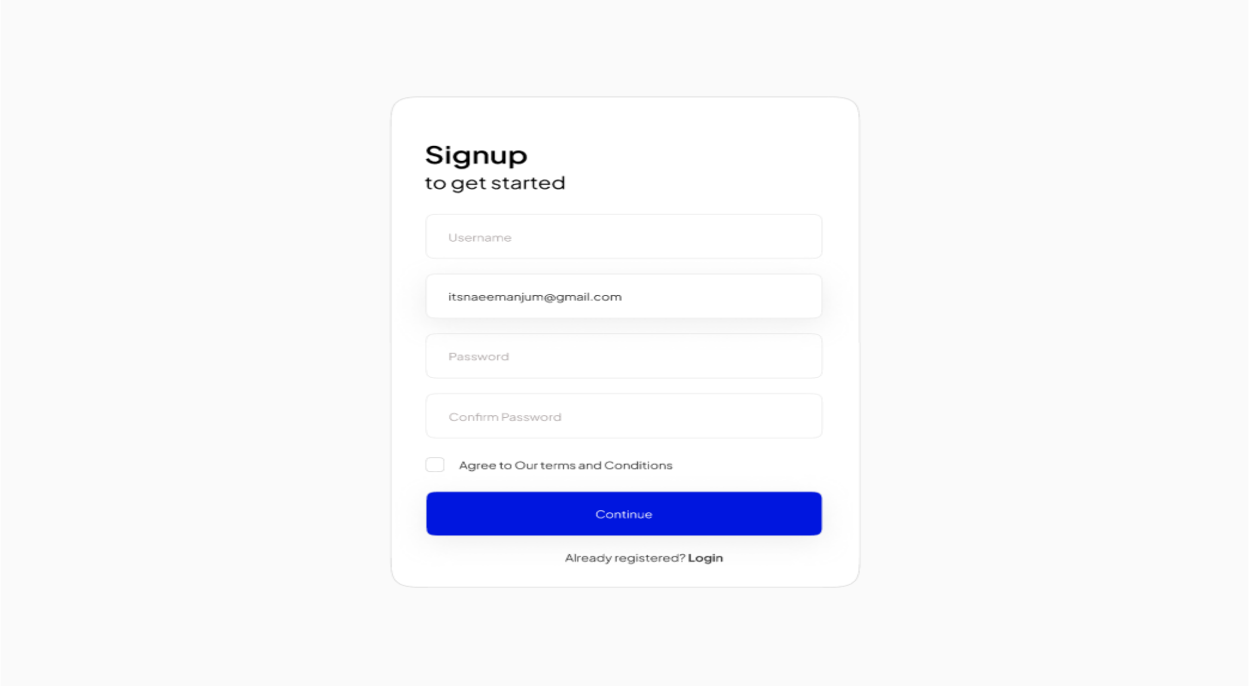
Password

Forgot Password?

Continue

New User? **Register**

Registration Page:



Signup
to get started

Username

itsnaeemanjum@gmail.com

Password

Confirm Password

□ Agree to Our terms and Conditions

Continue

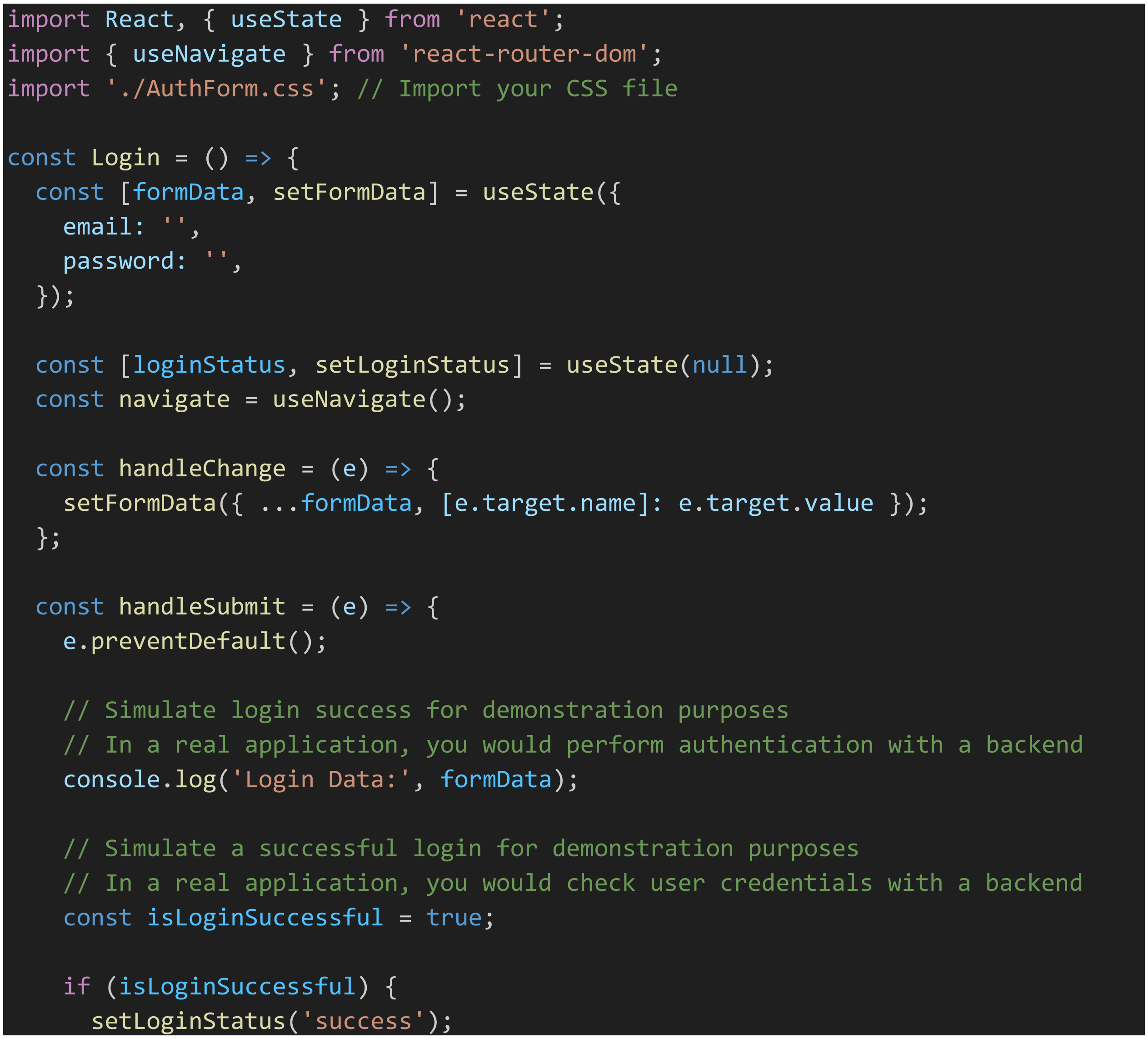
Already registered? **Login**

Description:

React is a JavaScript library for building user interfaces, providing a declarative and efficient way to create interactive and dynamic UI components. Developed and maintained by Facebook, React simplifies the process of building scalable and reusable UI components, facilitating the creation of robust and efficient web applications.

Source Code:

Login.js

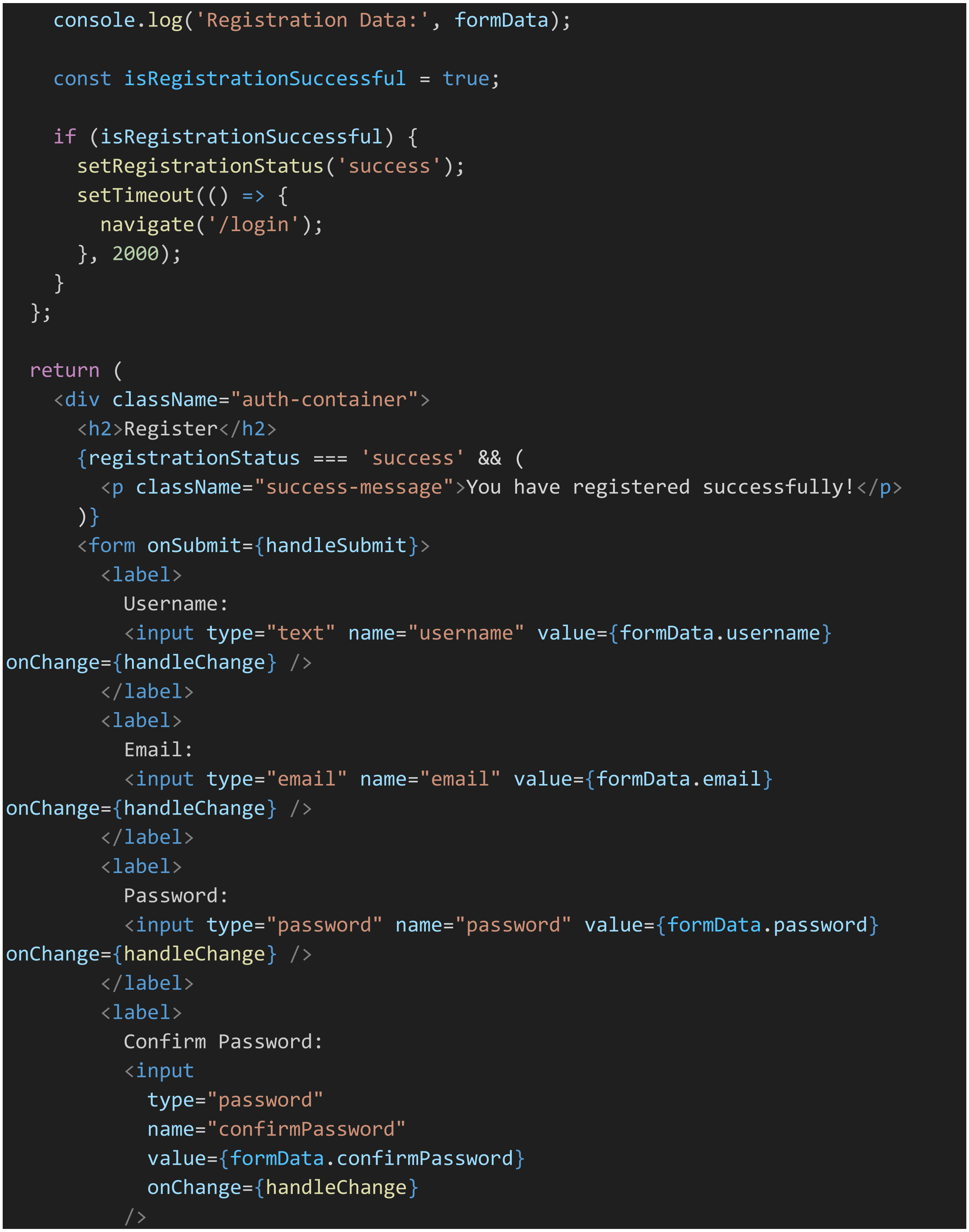


```
import React, { useState } from 'react';
import { useNavigate } from 'react-router-dom';
import './AuthForm.css'; // Import your CSS file

const Login = () => {
  const [formData, setFormData] = useState({
    email: '',
    password: '',
  });

  const [loginStatus, setLoginStatus] = useState(null);
  const navigate = useNavigate();

  const handleChange = (e) => {
    setFormData({ ...formData, [e.target.name]: e.target.value });
  };

  const handleSubmit = (e) => {
    e.preventDefault();

    // Simulate login success for demonstration purposes
    // In a real application, you would perform authentication with a backend
    console.log('Login Data:', formData);

    // Simulate a successful login for demonstration purposes
    // In a real application, you would check user credentials with a backend
    const isLoginSuccessful = true;

    if (isLoginSuccessful) {
      setLoginStatus('success');
      setTimeout(() => {
        navigate('/dashboard');
      }, 2000);
    }
  };

  const handleForgotPassword = () => {
    // Handle the "Forgot Password" functionality
    alert('Forgot Password: Implement your password recovery logic.');
  };

  const handleCreateAccount = () => {
    // Redirect to the registration page
    navigate('/register');
  };

  return (
    <div className="auth-container">
      <h2>Login</h2>
      {loginStatus === 'success' && (
        <p className="success-message">Login successful! Redirecting...</p>
      )}
      <form onSubmit={handleSubmit}>
        <label>
          Email:
          <input type="email" name="email" value={formData.email}
onChange={handleChange} />
        </label>
        <label>
          Password:
          <input type="password" name="password" value={formData.password}
onChange={handleChange} />
        </label>
        <div className="form-actions">
          <button type="submit">Login</button>
          <span className="forgot-password" onClick={handleForgotPassword}>
            Forgot Password?
          </span>
        </div>
      </form>
      <p className="create-account-link">
```

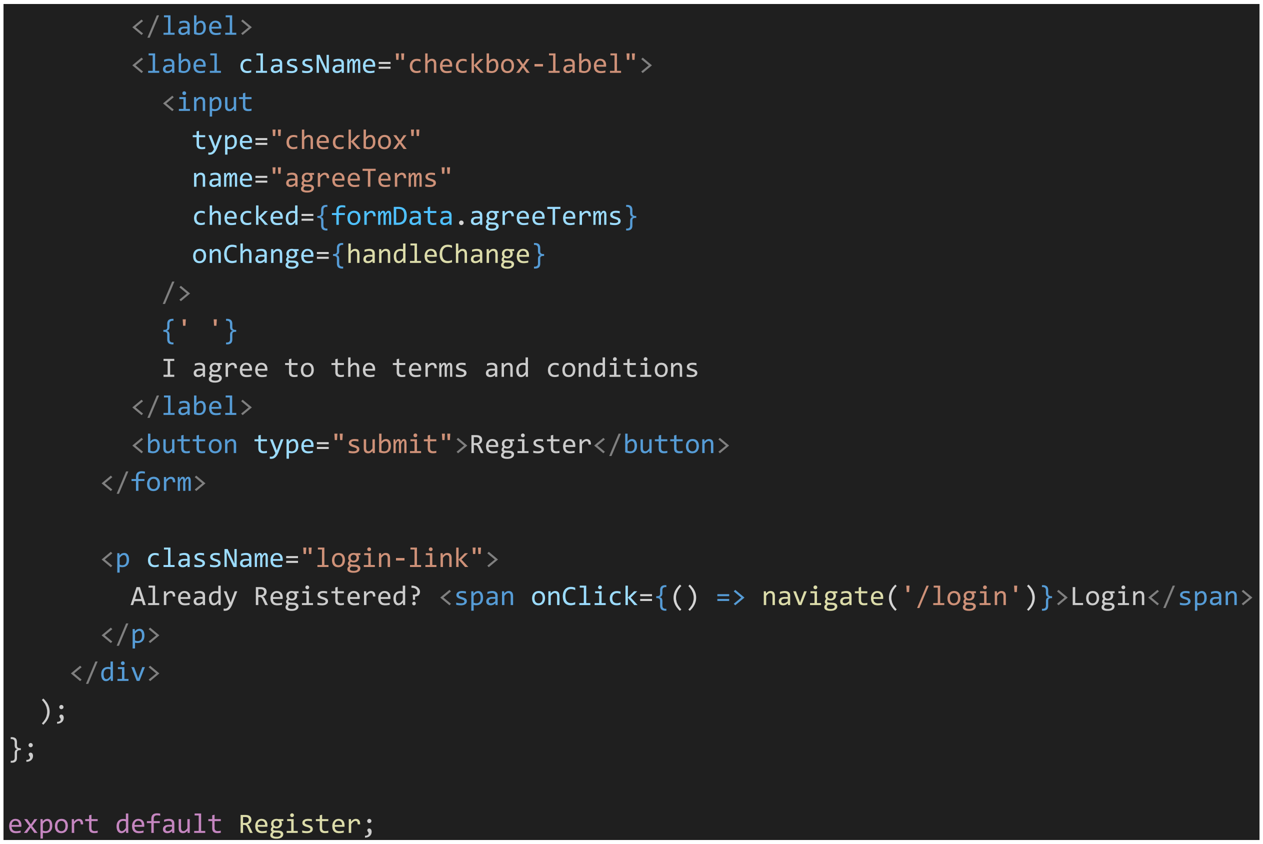
```
        Don't have an account? <span onClick={handleCreateAccount}>Create an
Account</span>
      </p>
    </div>
  );
};

export default Login;
```

Register.js

```
import React, { useState } from 'react';
import { useNavigate } from 'react-router-dom';
import './AuthForm.css'; // Import your CSS file

const Register = () => {
  const [formData, setFormData] = useState({
    username: '',
    email: '',
    password: '',
    confirmPassword: '',
    agreeTerms: false,
  });

  const [registrationStatus, setRegistrationStatus] = useState(null);
  const navigate = useNavigate();

  const handleChange = (e) => {
    setFormData({ ...formData, [e.target.name]: e.target.type === 'checkbox' ?
e.target.checked : e.target.value });
  };

  const handleSubmit = (e) => {
    e.preventDefault();

    if (!formData.agreeTerms) {
      alert("Please agree to the terms and conditions.");
      return;
    }
```

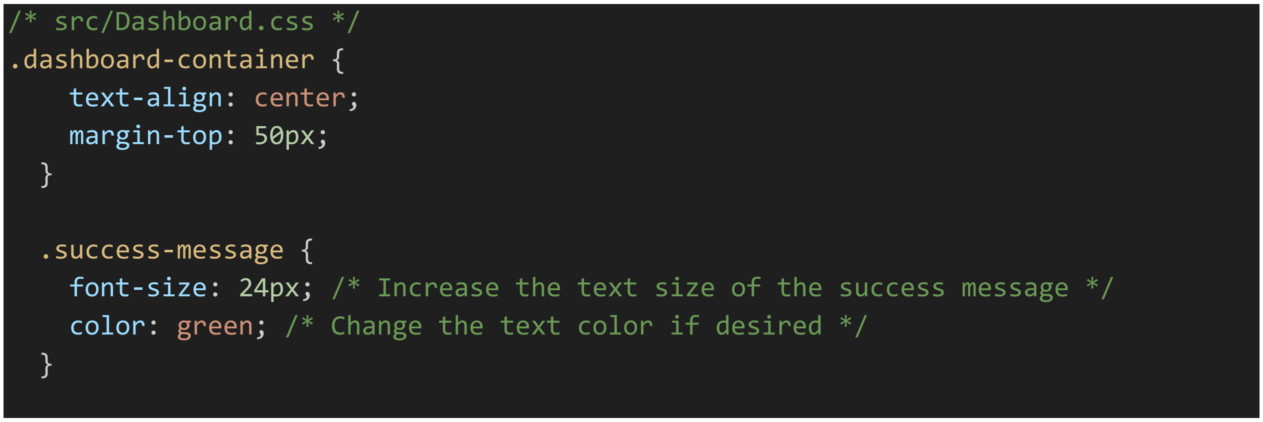


```
    console.log('Registration Data:', formData);

    const isRegistrationSuccessful = true;

    if (isRegistrationSuccessful) {
      setRegistrationStatus('success');
      setTimeout(() => {
        navigate('/login');
      }, 2000);
    }
  };

  return (
    <div className="auth-container">
      <h2>Register</h2>
      {registrationStatus === 'success' && (
        <p className="success-message">You have registered successfully!</p>
      )}
      <form onSubmit={handleSubmit}>
        <label>
          Username:
          <input type="text" name="username" value={formData.username}
onChange={handleChange} />
        </label>
        <label>
          Email:
          <input type="email" name="email" value={formData.email}
onChange={handleChange} />
        </label>
        <label>
          Password:
          <input type="password" name="password" value={formData.password}
onChange={handleChange} />
        </label>
        <label>
          Confirm Password:
          <input
            type="password"
            name="confirmPassword"
            value={formData.confirmPassword}
            onChange={handleChange}
          />
```



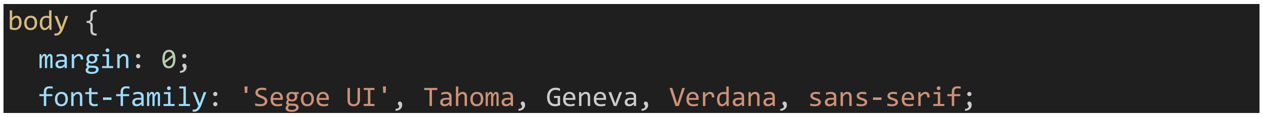
```
        </label>
        <label className="checkbox-label">
          <input
            type="checkbox"
            name="agreeTerms"
            checked={formData.agreeTerms}
            onChange={handleChange}
          />
          {' '}
          I agree to the terms and conditions
        </label>
        <button type="submit">Register</button>
      </form>

      <p className="login-link">
        Already Registered? <span onClick={() => navigate('/login')}>Login</span>
      </p>
    </div>
  );
};

export default Register;
```

Dashboard.css

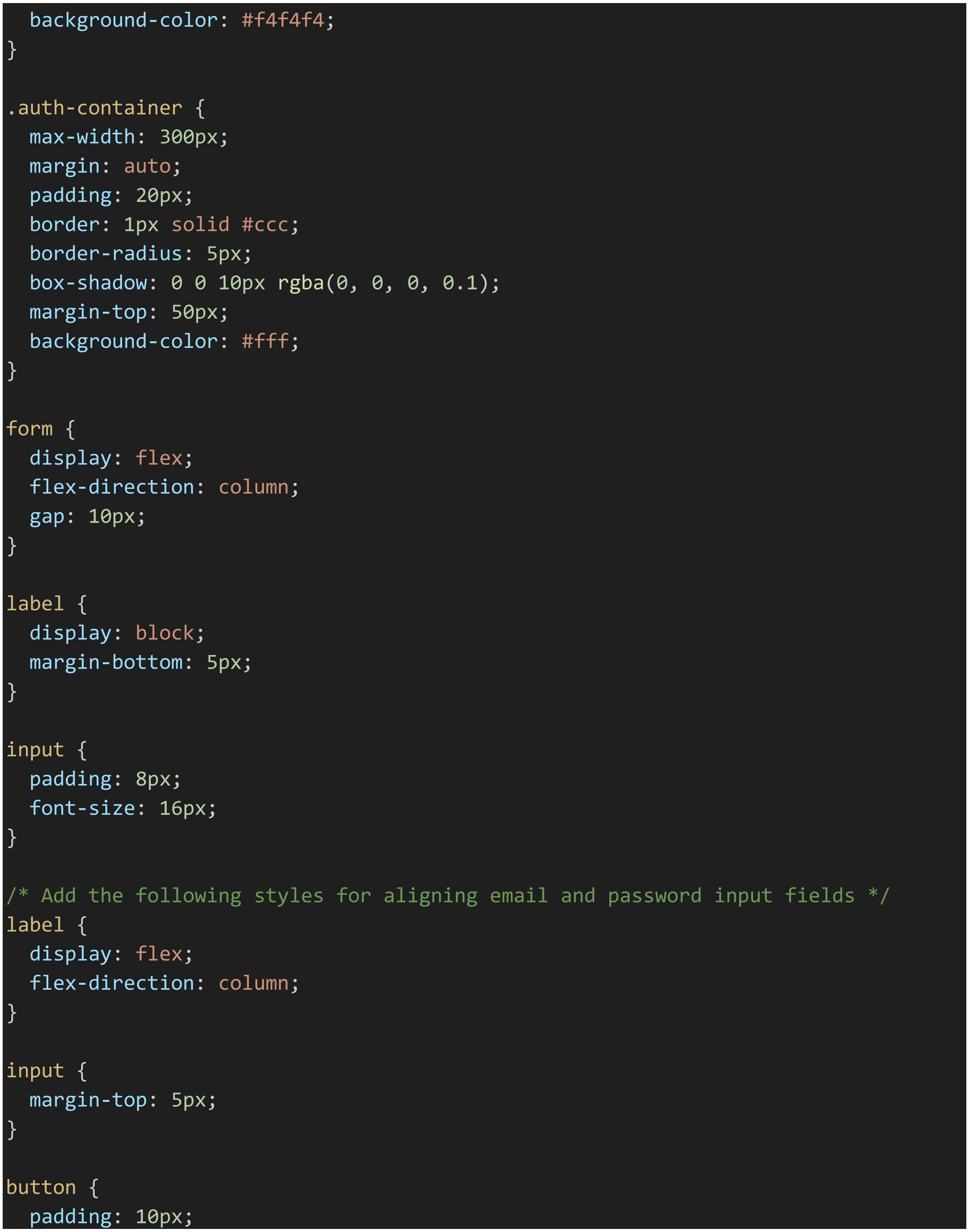


```
/* src/Dashboard.css */
.dashboard-container {
    text-align: center;
    margin-top: 50px;
  }

  .success-message {
    font-size: 24px; /* Increase the text size of the success message */
    color: green; /* Change the text color if desired */
  }
```

AuthForm.css



```
body {
  margin: 0;
  font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
```

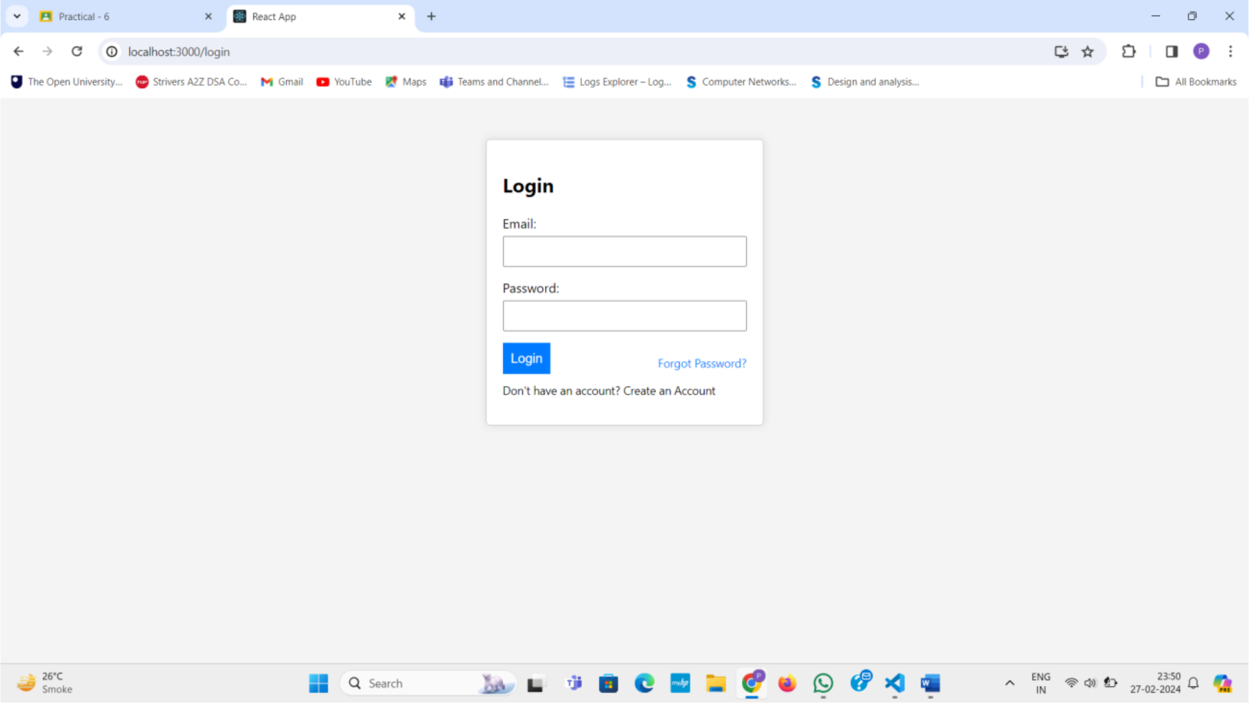


```
  background-color: #f4f4f4;
}

.auth-container {
  max-width: 300px;
  margin: auto;
  padding: 20px;
  border: 1px solid #ccc;
  border-radius: 5px;
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
  margin-top: 50px;
  background-color: #fff;
}

form {
  display: flex;
  flex-direction: column;
  gap: 10px;
}

label {
  display: block;
  margin-bottom: 5px;
}

input {
  padding: 8px;
  font-size: 16px;
}

/* Add the following styles for aligning email and password input fields */
label {
  display: flex;
  flex-direction: column;
}

input {
  margin-top: 5px;
}

button {
  padding: 10px;
  background-color: #007bff;
  color: #fff;
  border: none;
  cursor: pointer;
  font-size: 16px;
}

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

p {
  margin-top: 10px;
  font-size: 14px;
}

/* src/AuthForm.css */
body {
  margin: 0;
  font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
  background-color: #f4f4f4;
}

.auth-container {
  max-width: 300px;
  margin: auto;
  padding: 20px;
  border: 1px solid #ccc;
  border-radius: 5px;
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
  margin-top: 50px;
  background-color: #fff;
}

form {
  display: flex;
  flex-direction: column;
  gap: 10px;
}

label {
  display: flex;
```

```css
  flex-direction: column;
}

input {
  padding: 8px;
  font-size: 16px;
}

/* Add the following styles for the checkbox */
label.checkbox-label {
  display: flex;
  align-items: center;
}

.checkbox-label input {
  margin-top: 0;
  margin-right: 5px;
}

/* src/AuthForm.css */
/* ... (your existing styles) */

.login-link {
  margin-top: 10px;
  font-size: 14px;
  text-align: center;
}

.login-link span {
  color: #007bff;
  cursor: pointer;
}

/* src/AuthForm.css */
/* ... (your existing styles) */

.forgot-password {
  margin-top: 10px;
  font-size: 14px;
  color: #007bff;
  cursor: pointer;
}
```

```
.form-actions {
  display: flex;
  justify-content: space-between;
  align-items: center;
}
```

Output:



Login

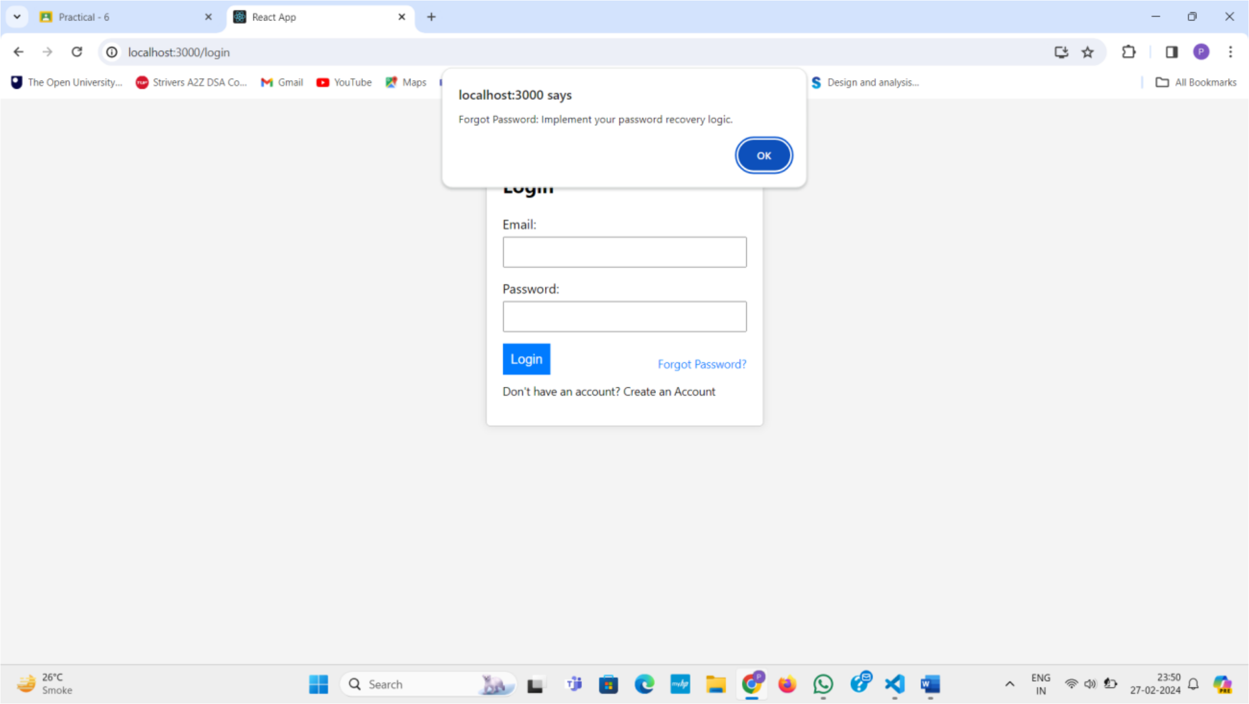
Email:

Password:

Login

Forgot Password?

Don't have an account? Create an Account



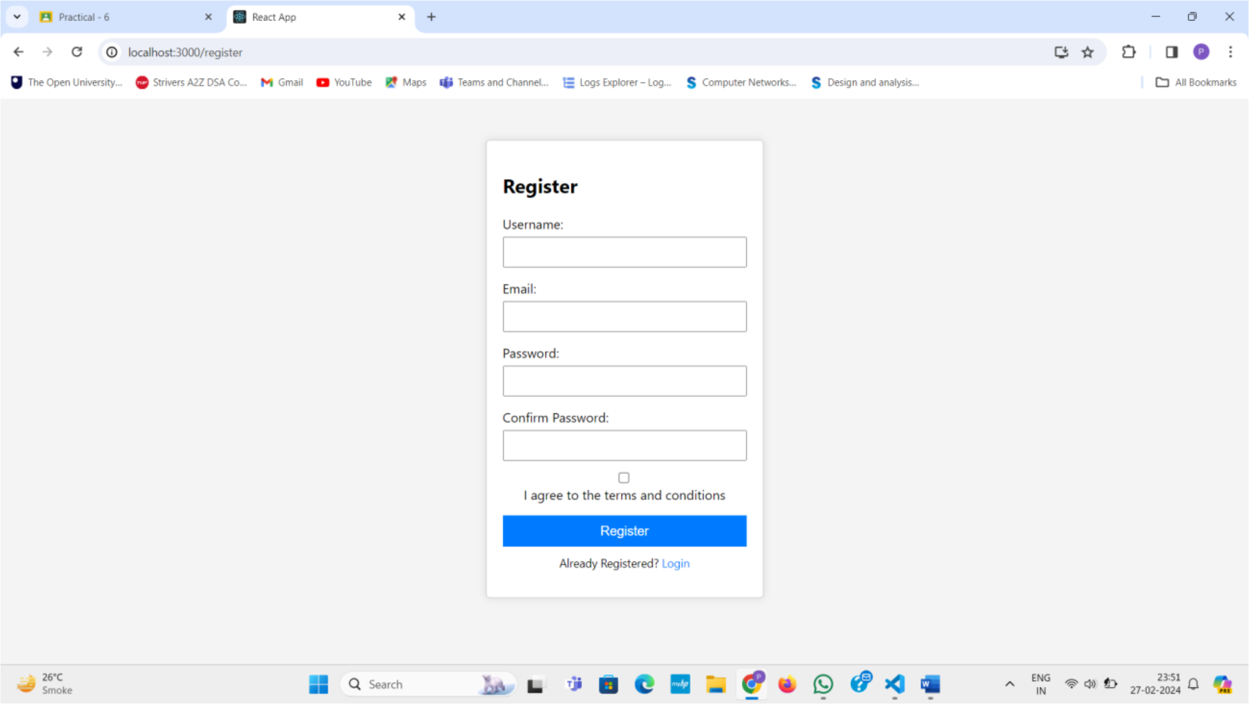
localhost:3000 says

Forgot Password: Implement your password recovery logic.

Email:

Password:

Don't have an account? Create an Account



Register

Username:

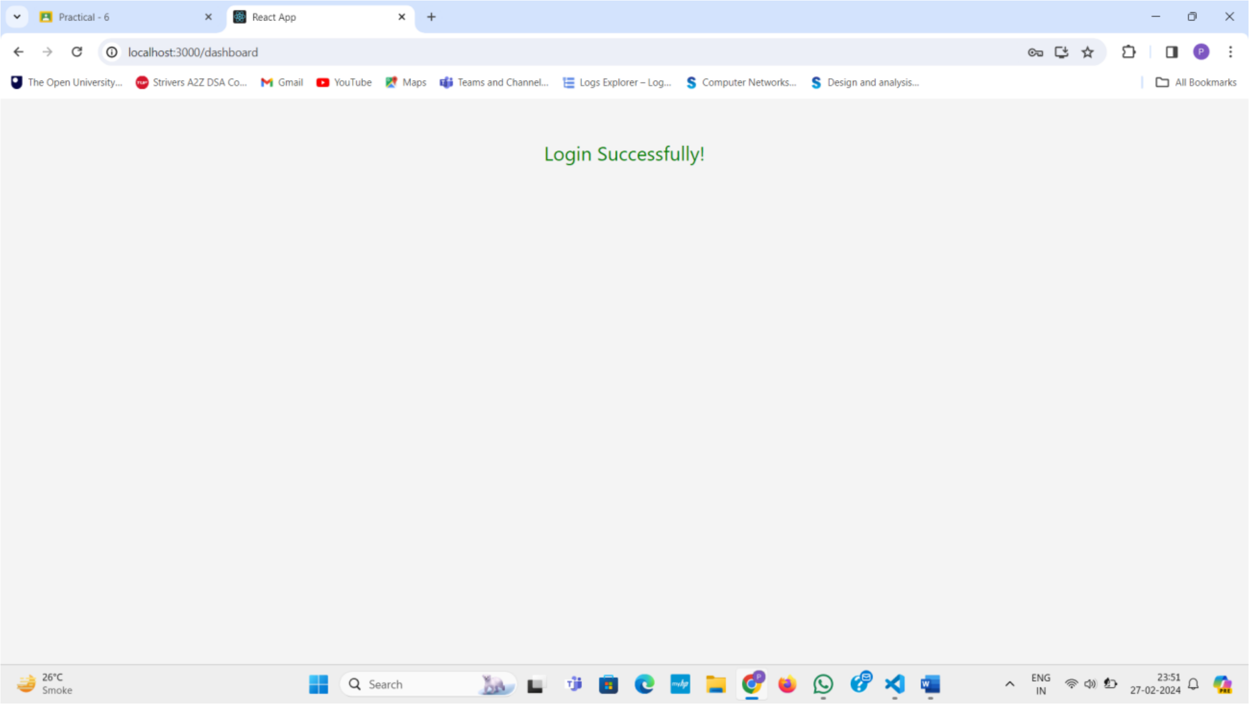
Email:

Password:

Confirm Password:

□ I agree to the terms and conditions

Already Registered? Login



Login Successfully!

Learning Outcome:

In this task we learn about how React js.