**17.REACT**

**Index.html**

<!DOCTYPE html>

<html lang="en">

  <head>

    <meta charset="UTF-8" />

    <meta name="viewport" content="width=device-width, initial-scale=1.0"/>

    <title>Fetch User App</title>

  </head>

  <body>

    <div id="root"></div>

  </body>

</html>

**App.js**

import React from 'react';

import Getuser from './Getuser';

function App() {

  return (

    <div>

      <h1>Random User</h1>

      <Getuser />

    </div>

  );

}

export default App;

**Getuser.js**

import React, { Component } from 'react';

class Getuser extends Component {

  constructor() {

    super();

    this.state = {

      user: null

    };

  }

  async componentDidMount() {

    try {

      const response = await fetch('https://api.randomuser.me/');

      const data = await response.json();

      const user = data.results[0];

      this.setState({ user });

    } catch (error) {

      console.error('Error fetching user:', error);

    }

  }

  render() {

    const { user } = this.state;

    return (

      <div>

        {user ? (

          <div>

            <h3>{user.name.title} {user.name.first}</h3>

            <img src={user.picture.large} alt="User" />

          </div>

        ) : (

          <p>Loading user data...</p>

        )}

      </div>

    );

  }

}

export default Getuser;

**index.js**

import React from 'react';

import ReactDOM from 'react-dom';

import App from './App';

ReactDOM.render(<App />, document.getElementById('root'));

**Output:**

