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| Subject code & Name | : | **CSE304 &**  **Full Stack Development** | Practical | : | **3** | Academic Year | : | **2024-25** |

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| **Task - 3** |
| **Aim** |
| Create a React page that displays a Welcome message with the current local date and time which changes every second. Use the React JSX concept. Note: Use the setInterval function to update the time. |
| **Code** |
| Practical\_3.js  import React, { useState, useEffect } from 'react';  const WelcomePage = () => {  const [currentTime, setCurrentTime] = useState(new Date());  useEffect(() => {  const interval = setInterval(() => {  setCurrentTime(new Date());  }, 1000);  return () => clearInterval(interval);  }, []);  return (  <div>  <h1>Welcome to CHARUSAT!</h1>  <h2>It is {currentTime.toLocaleDateString()} </h2>  <h2>It is {currentTime.toLocaleTimeString()} </h2>  </div>  );  };  export default WelcomePage;  App.js  import './App.css';  import WelcomePage from './components/Practical\_3';  function App() {  return (  <div className="App">  <WelcomePage/>  </div>  );  }  export default App; |
| **Output** |
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| **Signature :** |