

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;
```

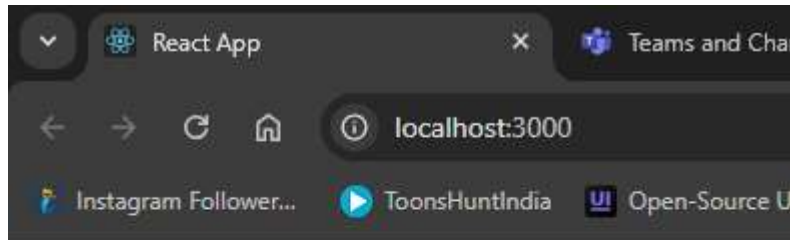
#### App.js

```
import './App.css';
import WelcomePage from './components/Practical_3';

function App() {
  return (
    <div className="App">
      <WelcomePage/>
    </div>
  );
}
```

```
export default App;
```

## Output



Signature :