

Display current date with running time

Exp. No.: 3

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Code:

[App.js:](#)

```
import React from "react";
import "./App.css";

class App extends React.Component {
  constructor(props) {
    super(props);
    const today = new Date();
    const dateNow =
      String(today.getDate()).padStart(2, "0") +
      "-" +
      String(today.getMonth() + 1).padStart(2, "0") +
      "-" +
      String(today.getFullYear());
    const timeNow = today.toLocaleTimeString();
    this.state = {
      date: dateNow,
      time: timeNow,
    };
  }
}
```

```
componentDidMount() {  
  const today = new Date();  
  const dateNow =  
    String(today.getDate()).padStart(2, "0") +  
    "-" +  
    String(today.getMonth() + 1).padStart(2, "0") +  
    "-" +  
    String(today.getFullYear());  
  const timeNow = today.toLocaleTimeString();  
  this.setState({ date: dateNow, time: timeNow });  
}
```

```
componentDidUpdate() {  
  setTimeout(() => {  
    const today = new Date();  
    const dateNow =  
      String(today.getDate()).padStart(2, "0") +  
      "-" +  
      String(today.getMonth() + 1).padStart(2, "0") +  
      "-" +  
      String(today.getFullYear());  
    const timeNow = today.toLocaleTimeString();  
    this.setState({ date: dateNow, time: timeNow });  
  }, 1000);  
}
```

```
render() {  
  return (  
    <div>  
      <h1>  
        Date: <date>{this.state.date}</date>{" "  
      </h1>  
    </div>  
  );  
}
```

```
</h1>
<h2>
  Time: <time>{this.state.time}</time>
</h2>
</div>
);
}
}

export default App;
```

OUTPUT:



Date: 08-05-2022
Time: 11:45:54 AM