import React from 'react';

import ReactDOM from 'react-dom';

class Test extends React.Component {

constructor(props)

{

super(props);

this.state = { hello : "World!" };

}

componentWillMount()

{

console.log("componentWillMount()");

}

componentDidMount()

{

console.log("componentDidMount()");

}

changeState()

{

this.setState({ hello : "Geek!" });

}

render()

{

return (

<div>

<h1>GeeksForGeeks.org, Hello{ this.state.hello }</h1>

<h2>

<a onClick={this.changeState.bind(this)}>Press Here!</a>

</h2>

</div>);

}

shouldComponentUpdate(nextProps, nextState)

{

console.log("shouldComponentUpdate()");

return true;

}

componentWillUpdate()

{

console.log("componentWillUpdate()");

}

componentDidUpdate()

{

console.log("componentDidUpdate()");

}

}

ReactDOM.render(

<Test />,

document.getElementById('root'));