

Fragen zu React

- Write a react component "PrintHeadline" that renders a variable H1 headline using attribute "myHeadline" !

```
// Example usage: <PrintHeadline myHeadline="this is a variable Headline" />

// Class Component
class PrintHeadline extends React.Component {
  render() {
    return <h1>{this.props.myHeadline}</h1>
  }
}

// Functional Component
function PrintHeadline(props) {
  return <h1>{props.myHeadline}</h1>;
}
```

- Which method must be implemented by a react component at least that returns HTML code?

```
// Class Component: render()
render(){
  return(<h1>Hallo</h1>)
}

//Functional Component
return(<h1>Hallo</h1>)
```

- Which data structure should be used to access input data that is passed into a react component?

```
// Class Component: object
this.props
```

- When a react component's state data changes, which method will be invoked to update the rendered markup?

```
// Class Component
render()
```

- Which data structure holds the state data in a react component?

```
// Class Component: object  
this.state
```

- Which react method must be called to set a state property?

```
// Class Component: setState({key: value})  
this.setState((state) => {  
  return {counter: state.counter + 1}  
})  
  
// Functional Component  
const [someState, setSomeState] = useState();  
setSomeState("muss zur Änderung aufgerufen werden");
```

- Which react method must be called in a components constructor to properly handle passed input data?

```
// Class Component  
super(props)
```