



Skills Network

Advanced React

Module 3 Advanced React

Package/Method Description

Code Example

Hooks

Functions
called hooks
enable
"hooking
into"
features of
the React
state and
lifecycle
from
function
components.

```
1. 1
2. 2
3. 3
4. 4
5. 5
6. 6
7. 7

1. import React, {useState} from 'react';
2. function CntApp() {
3.   const [count, setCount] = useState(0);
4.   return (Youclicked{count}many times
5.     <buttononClick={()=>setCount(count+1)}>Clickme</button>
6.   );}
7. export default CntApp;
```

Copied!

React Forms

React makes
use of forms
to enable
user
interaction
with the
website.

```
1. 1
2. 2
3. 3
4. 4
5. 5
6. 6
7. 7
8. 8
9. 9
10. 10
11. 11
12. 12
13. 13
14. 14
15. 15
16. 16
17. 17
18. 18

1. import React, {Component} from "react";
2. export default functionApp() {
3.   const [email, setEmail] = React.useState("");
4.   const [password, setPassword] = React.useState("");
5.   const handleSubmit = (event) => {
6.     console.log(`Email: ${email}Password: ${password}`);
7.     event.preventDefault();
8.   }
9.   return ( < formonSubmit = {
10.     handleSubmit
11.   } >
12.     < h1 > Registration < /h1>
13.     <label> Email:< input name="email" type="email" value={email}
14.       onChange={e => setEmail(e.target.value)} required/ > < /label>
15.     <label>Password:<input name="password" type="password" value={password}
16.       onChange={e => setPassword(e.target.value)}required/></label>
17.     <button>Submit</button>
18.   </form>);
```

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Redux is a state management library that is often used with React to handle the state of your application.

1. 1

Redux

An application state is like a global object which holds information that you use for various purposes later in the app.

1. \$ npm install redux react-redux --save

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Changelog

Date	Version	Changed by	Change Description
20-10-2022	1.1	Sapthashree K S	Cheatsheet updated

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