

Web Development  
Lesson 20.2



You are nearing the  
completion of the full  
MERN stack!



Cat final form!!!!

# React Review



onChange



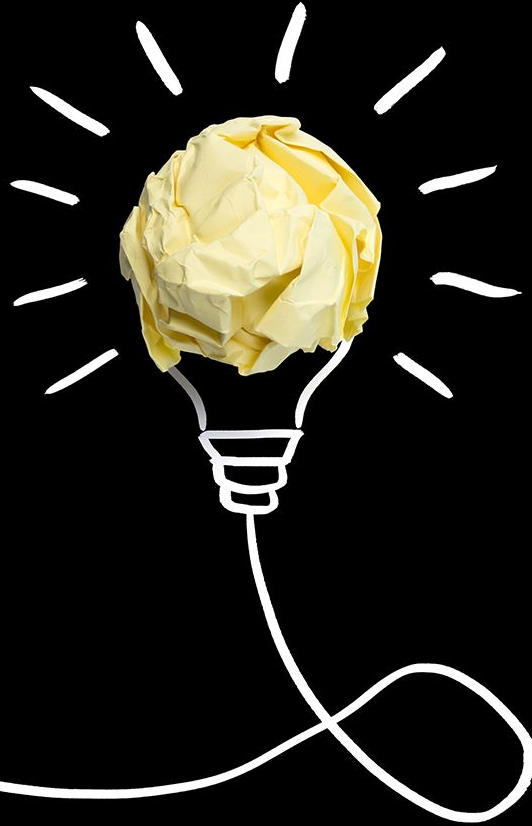
**onChange** is an event listener that captures changes to an input element.



```
<input  
  type="password"  
  placeholder="Password"  
  name="password"  
  value={this.state.password}  
  onChange={this.handleInputChange}  
/>
```

# How Can We Conditionally Render Elements in React?

We can write conditional logic directly inside JSX curly braces using a ternary expression or short circuit operator.



```
return (  
  <ul className="nav nav-tabs">  
    <li className="nav-item">  
      <a  
        onClick={() => props.handlePageChange("Home")}  
        className={props.currentPage === "Home" ? "nav-link active" : "nav-link"}  
      >  
        Home  
      </a>  
    </li>  
  </ul>  
)
```





**React Router** is a library  
that handles routing with  
React.

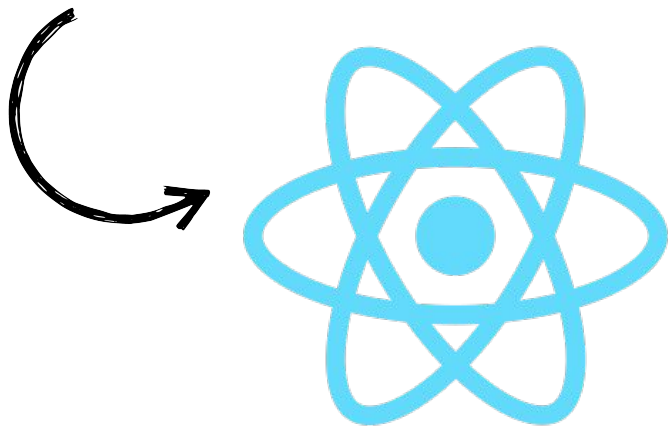
```
1  import React from "react";
2  import { BrowserRouter as Router, Route } from "react-router-dom";
3  import NavTabs from "../components/NavTabs";
4  import Home from "../components/pages/Home";
5  import About from "../components/pages/About";
6  import Blog from "../components/pages/Blog";
7  import Contact from "../components/pages/Contact";
8
9  const App = () => (
10    <Router>
11      <div>
12        <NavTabs />
13        <Route exact path="/" component={Home} />
14        <Route exact path="/about" component={About} />
15        <Route exact path="/blog" component={Blog} />
16        <Route path="/contact" component={Contact} />
17      </div>
18    </Router>
19  );
20
21  export default App;
```

# Keep Practicing React!

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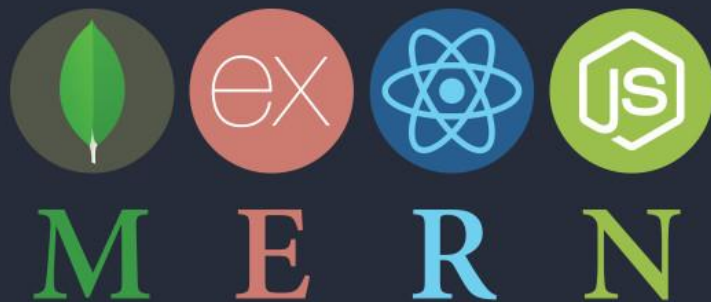
At this point, we've covered most of what you'll do with React most of the time.

The most important thing to do now is to continue practicing



# What's next? Building full-stack apps with React

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# Questions?

# <Time to Code>

