

## ✓ Congratulations! You passed!

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1. What code should be added to the element button to make this code snippet valid?

1 / 1 point

```
1 function App() {  
2  
3   function handleClick() {  
4     console.log("clicked")  
5   }  
6  
7   return (  
8     <div className="App">  
9       <button >Click me</button>  
10    </div>  
11  );  
12 }  
13
```

- ☒ onClick={handleClick}
- ☐ onClick={handleClick()}
- ☐ click=handleClick

✓ Correct

Correct. This is the correct syntax.

2. Imagine that you have a variable named `userLoggedIn` and it's set to the boolean of `true`. How would you complete the below `clickHandler` function declaration to toggle the value of the `userLoggedIn` boolean?

1 / 1 point

```
1 function clickHandler() {  
2 }  
3
```

- ☐ `userLoggedIn = false`
- ☐ `userLoggedIn = true`
- ☒ `userLoggedIn = !userLoggedIn`

✓ Correct

That's correct! This will toggle the boolean value from true to false, and from false to true.

3. Is a click handler on its own enough to change the values of variables in your React apps?

1 / 1 point

- ☒ No
- ☐ Yes

✓ Correct

That's correct! You need to also use something known as "hooks".

4. What are the ways to write an event-handling function in React. Select all that apply.

1 / 1 point

- ☒ Using a separate function declaration

✓ Correct

That's right! A separate function declaration is a valid way to handle an event in React.

- ☒ With an inline, anonymous ES6 function (an arrow function)



Correct

That's right! An inline anonymous ES6 function (an arrow function) is a valid way to handle an event in React.

- ☒ With an inline anonymous ES5 function



Correct

That's right! An inline anonymous ES5 function is a valid way to handle an event in React.

- ☒ Using a separate function expression



Correct

That's right! A separate function expression is a valid way to handle an event in React.

5. Choose the appropriate code on line 3 of the following component – to handle a click event.

1 / 1 point

```
1  function App() {  
2  
3      function () {  
4          console.log("clicked")  
5      }  
6  
7      return (  
8          <div className="App">  
9              <button onClick={handleClick}>Click me</button>  
10             </div>  
11         );  
12     }  
13 }
```

- ☐ function handleClick {
- ☐ function handleClick() {
- ☒ function handleClick() {



Correct

That's correct. This return statement will show the Example component on the screen.