

🎉 Congratulations! You passed!

Grade received 100% To pass 80% or higher

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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
```

- ☐ click=handleClick
- ☒ onClick={handleClick}
- ☐ onClick={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 = !userLoggedIn
- ☐ userLoggedIn = false
- ☐ userLoggedIn = true



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.

☒ Using a separate function expression

✓ **Correct**

That's right! A separate function expression 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.

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.