



Most common **ReactJS** Interview Questions

What is an **Event** in React?

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What is an Event in React?

Events are the **triggered** reactions to specific actions like **mouse click**, mouse hover, key stroke, etc.



Handling these events are **similar** to handling events in **DOM** elements.

But there are some syntactical **differences** like:





- Events are named using **camel case** instead of just using the lowercase.
- Events are passed as **functions** instead of **strings**.



```
<button onClick="login( )">  
  Login  
</button>
```



```
<button onClick={login}>  
  Login  
</button>
```





Another difference is that you **cannot** return false to prevent default behavior in React.

You must call **preventDefault** explicitly.

For example, with plain **HTML**, to prevent the default form behavior of submitting, you can write:



```
<form onSubmit="alert('Login'); return false">
  <button type="submit">Login</button>
</form>
```





In React, this could instead be like this.

Here, e is a **synthetic** event.

```
function LoginForm() {
  function handleLogin(e) {
    e.preventDefault();
    alert('Login.');
  }

  return (
    <form onSubmit={handleLogin}>
      <button type="submit">Login</button>
    </form>
  );
}
```

React defines these synthetic events
so you don't need to worry about
cross-browser compatibility.



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