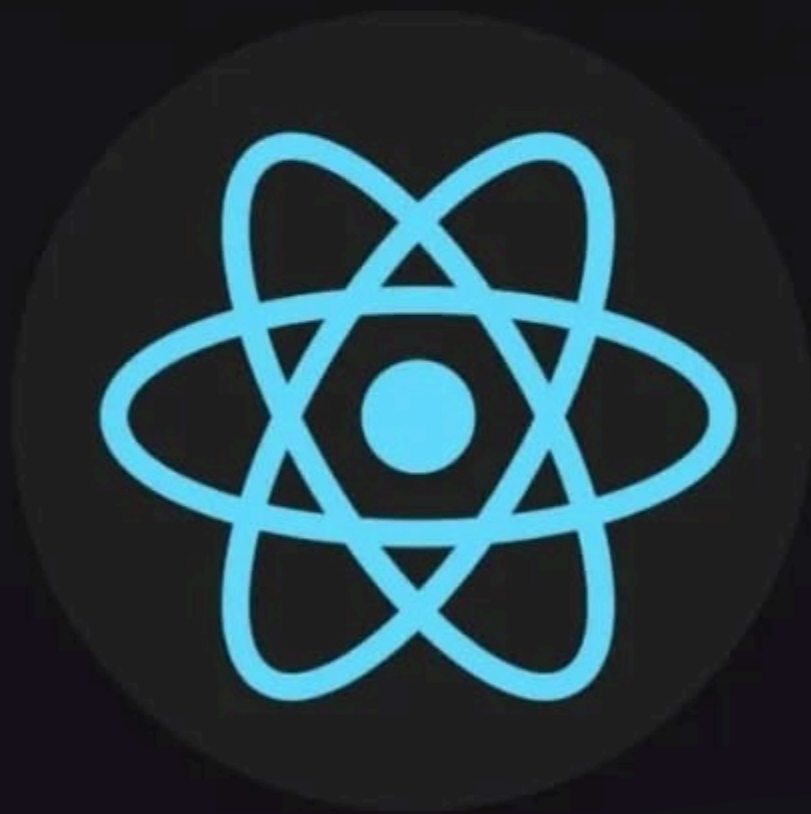# React One-Liners

Every UI Developer Should Know

1. Conditional Rendering

This little gem uses the logical AND operator (&&) to render a component only when the condition is true. It's simple, clean, and gets the job done without any fuss.

```
{condition && <Component />}
```

2. The Default Props

This line uses destructuring assignment with a default value. If prop is undefined in props, it'll fall back to defaultValue.

```
const {prop = defaultValue} = props;
```

3. The State Update

This uses the functional form of the state setter, which receives the previous state as an argument.

```
setCount(prevCount => prevCount + 1);
```

4. The Array Manipulation

This uses the spread operator to create a new array with all the previous items, plus the new one at the end.

```
setItems(prevItems => [...prevItems, newItem]);
```

5. The Object Update

This uses the spread operator to create a new object with all the properties of the previous user, but overwrites the 'name' property with a new value.

```
setUser(prevUser => ({ ...prevUser, name: 'New Name' }));
```

6. The Ref Callback

This creates an input element that automatically focuses when it's rendered.

```
<input ref={node => node && node.focus()} />
```

7. The Style

This uses an object literal to define multiple styles in a single line.

```jsx
<div style={{ color: 'red', fontSize: '14px' }} />
```

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