

# Week 2: Introduction And Instructions

In **Week 2: Introduction To React**, you'll create a simple React component, which is the foundational building block of a web page built using React. Here, you'll use the ES6 features you practiced last week to write clean, concise code in JSX, the version of JavaScript syntax you will use for React. By the end of this week you'll be able to track button clicks on basic React components.

## Learning Outcomes

### *Course Learning Outcomes Addressed*

- Explain the key ES6 features
- Explain key React concepts such as JSX and Hooks
- Design and build UI components using React

### *By the end of this week, you will be able to:*

1. Define React terms
2. Render object properties using JSX
3. Destructure an object with ES6 syntax
4. Use string interpolation to construct a string with object property values
5. Identify React functionality
6. Use ES6 and JSX to build functionality
7. Identify how JSX, React, and ES6 work together in the front-end ecosystem
8. Identify what JSX is and how it's used
9. Identify destructuring in context
10. Build an application in React
11. Identify React components

## Activities

### ***Key Activities***

- Knowledge Checks
  - 1 What Is React?
  - 2 ES6 And React
  - 3 JSX And Destructuring
- Discussions
  - Understanding React Components
- Coding Activities
  - Rendering Object Properties With JSX
  - Destructuring And Props
- Coding Assignments
  - TO-DO List Delete Assignment

### ***Self-Study Activities***

- ES6 Warm-Up - Shopping Cart
- ES6 Warm-Up - Code Interpretation
- Delete Button Exercise