Developing Cloud Applications with React

Module 1 : Glossary - Building a Rich Front-End Application using REACT & ES6

Term	Definition
Angular	Angular is a platform for building mobile and desktop web applications.
App.js	Contains App, which is the root React component that you will add into your HTML page.
Arrow functions	Allow you to declare functions the same way you declare variables
Babel	A special in-memory tool that compiles JSX and interprets it as JavaScript.
Class	A template or blueprint for creating objects.
Class component	Use JavaScript ES6 classes to create class-based components in React.
Component	Core building blocks of React.
const	Allows you to declare constants whose values cannot be changed.
CSS	Cascading style sheets.
Create React App	Simplifies the process of creating React applications.
DOM	Document object model.
ES	ES is short for ECMAScript, which is a standards organization that creates a wide range of global information and communications technology standards.
ES6	JavaScript adheres to ECMA's specification EcmaScript6.
ECMAScript	A standard used for client-side scripting.
event	Enable the component to manage document object model (DOM) actions as a result of user interaction on the system.
Front-end frameworks	Are used to create a dynamic client that can connect to the server.
Functional component	Created by writing a JavaScript function.
High-order component	Are used to share logic with other components
HTML	Hypertext markup language.
index.js	Where you will add App to the HTML.
JSX	JavaScript XML which resembles HTML.
let	Allows you to restrict the scope of variables within the block where they were declared.
Local scope	Is the limited scope.
Promise	Represents the eventual completion of an asynchronous operation and its return value.
Props	Used to pass data from a parent component to a child component.
Pure component	Do not depend on or modify the state of variables. Outside their scope
ReactDOM package	This is the glue between React and the DOM.
React package	Holds the React source for components and their states and properties.
React elements	Used to render the component to DOM.
src folder	The main folder in which you will make changes.
state	An object that describes how the component will behave and render currently.
subclass	The class that is inheriting one other class.
superclass	The class being inherited by the subclass.
this	Keyword that refers to the current object.