

<div><div><div>←Back</div><div>Building UI with Jetpack Compose</div><div>Graded Assignment • 50 min</div></div></div>	Your grade: 90% Your latest: 90%•Your highest: 90%•To pass you need at least 80%. We keep your highest score.		Next item →
	1.In addition to modifying an aspect of a composable's appearance, which of the following can modifiers also be used to modify?	1 / 1 point	
<div><div><div><div></div></div><div>padding</div></div><div><div><div></div></div><div>styling</div></div><div><div><div></div></div><div>decorators</div></div><div><div><div></div></div><div>behavior</div></div></div>			
<div><div><div><div></div></div><div>Correct</div></div><div>Correct! Modifiers allow you to impart specific behavior or activity to UI elements.</div></div>			
2.Which of the following is a collection of components which carry standard and reusable UI elements?		1 / 1 point	
<div><div><div><div></div></div><div>a scaffold</div></div><div><div><div></div></div><div>a design system</div></div><div><div><div></div></div><div>a UI pattern</div></div><div><div><div></div></div><div>a composable</div></div></div>			
<div><div><div><div></div></div><div>Correct</div></div><div>That's correct! A design system exposes patterns, themes and examples of UI designs and layouts at various levels.</div></div>			
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<div><div><div><div></div></div><div>Correct</div></div><div>That's correct! A design system exposes patterns, themes and examples of UI designs and layouts at various levels.</div></div>			
4.Which of the following is the special object Compose uses to hold the value of a state?		1 / 1 point	
<div><div><div><div></div></div><div>MutableStateOf</div></div><div><div><div></div></div><div>State</div></div><div><div><div></div></div><div>remember</div></div><div><div><div></div></div><div>MutableState</div></div></div>			
<div><div><div><div></div></div><div>Correct</div></div><div>That's correct! To define a <b>MutableState</b> you can call the built-in <b>MutableStateOf</b> function and pass in a value you want to hold as a parameter.</div></div>			
5.Which of the following is the correct programming term for a user action?		1 / 1 point	
<div><div><div><div></div></div><div>action</div></div><div><div><div></div></div><div>event</div></div><div><div><div></div></div><div>callback</div></div><div><div><div></div></div><div>tapping</div></div></div>			
<div><div><div><div></div></div><div>Correct</div></div><div>That's correct! A user action is called an event and the response to an event is called handling the event.</div></div>			
6.What is a <b>BottomSheetScaffold</b> ?		1 / 1 point	
<div><div><div><div></div></div><div>A UI pattern that slides up from the bottom of the screen.</div></div><div><div><div></div></div><div>A UI pattern that provides a side-panel for navigating.</div></div><div><div><div></div></div><div>A UI pattern that provides a full screen overlay when triggered.</div></div></div>			
<div><div><div><div></div></div><div>Correct</div></div><div>That's correct! <b>Scaffold</b> provides the basic structure to build your app, with components such as a <b>BottomSheetScaffold</b> that can be used to navigate between different screens or display additional content or options.</div></div>			
7.What is Material Design?		1 / 1 point	
<div><div><div><div></div></div><div>Material Design is a framework for creating web applications.</div></div><div><div><div></div></div><div>Material Design is a system for developing websites.</div></div><div><div><div></div></div><div>Material Design is a language for programming mobile applications.</div></div><div><div><div></div></div><div>Material Design is a design system for developing UIs for Android applications.</div></div></div>			
<div><div><div><div></div></div><div>Correct</div></div><div>That's correct! Material Design is a design system created by Google for developing UIs for Android, web, and iOS applications.</div></div>			
8.Which of the following can a <b>slot</b> accept composable content as?		0 / 1 point	
<div><div><div><div></div></div><div>a modifier</div></div><div><div><div></div></div><div>a composable function</div></div><div><div><div></div></div><div>a generic lambda</div></div><div><div><div></div></div><div>a Kotlin object</div></div></div>			
<div><div><div><div></div></div><div>Incorrect</div></div><div>Not quite. Please review the reading <a href="#">Material components</a>.</div></div>			
9.Which of the following Jetpack Compose Material components can be implemented as built-in composables? Select four that apply.		1 / 1 point	
<div><div><div><div></div></div><div>Card</div></div></div>			
<div><div><div><div></div></div><div>Correct</div></div><div>That's correct! A <b>card</b> is a built-in composable that can be implemented in Jetpack Compose.</div></div>			
<div><div><div><div></div></div><div>Slider</div></div></div>			
<div><div><div><div></div></div><div>Correct</div></div><div>That's correct! A <b>slider</b> is a built-in composable that can be implemented in Jetpack Compose.</div></div>			
<div><div><div><div></div></div><div>TextField</div></div></div>			
<div><div><div><div></div></div><div>Correct</div></div><div>That's correct! A <b>TextField</b> is a built-in composable that can be implemented in Jetpack Compose.</div></div>			
<div><div><div><div></div></div><div>Button</div></div></div>			
<div><div><div><div></div></div><div>Correct</div></div><div>That's correct! A <b>Button</b> is a built-in composable that can be implemented in Jetpack Compose.</div></div>			
<div><div><div><div></div></div><div>Pattern</div></div></div>			
<div><div><div><div></div></div><div>Avatar</div></div></div>			
10.Which of the following UI patterns would be best suited to carry the name of the app and some buttons relevant to the current screen?		1 / 1 point	
<div><div><div><div></div></div><div>snackbar</div></div><div><div><div></div></div><div>floating action buttons</div></div><div><div><div></div></div><div>a top app bar</div></div><div><div><div></div></div><div>a navigation drawer</div></div></div>			
<div><div><div><div></div></div><div>Correct</div></div><div>Correct! A top app bar is usually used as a composite component that consists of several UI elements.</div></div>			