O State change

## Interacting with UI and state

Let's do a quick test! You must answer at least 7 questions correctly to pass this quiz.

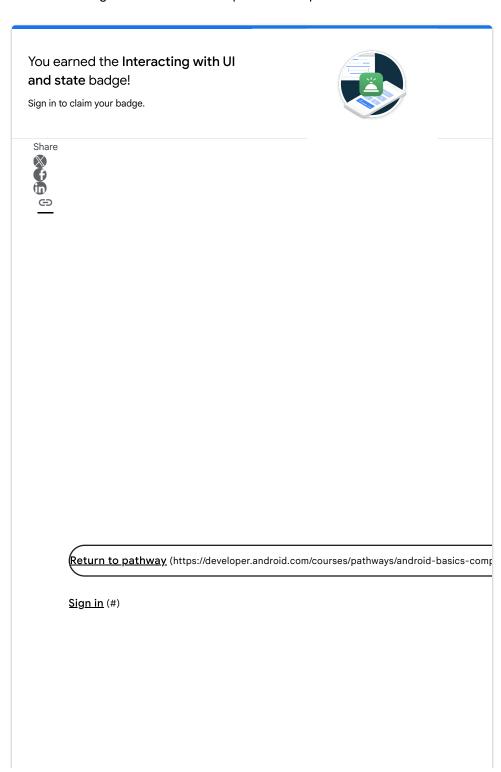
Return to pathway (https://developer.android.com/courses/pathways/android-basics-compose-unit-2-pathway-3#quiz-/courses/quizzes/andro 1. Jetpack Compose runs your composables for the first time, during \_\_\_ it will keep track of the composables that you call to describe your UI. Orrect! Initial composition Recomposition State change O App termination 2. The only way to modify a Composition is through recomposition. Orrect! True O False 3. \_\_\_ is when Jetpack Compose re-executes the composables that may have changed in response to data changes. O Initial composition Recomposition Orrect! O State change App termination 4. \_\_\_ in an application is any value that can change over time. State Orrect! O value valueChange StateValue 5. \_\_\_ is a pattern of moving state up to make a component stateless.

| State hoisting  Correct!   |
|--|
| O Hoist composition  |
| Recomposition  |
|  |
| 6. Which KeyboardAction property is used to move the focus to the next composable?                                   |
| OnDone   |
| onNext 🕢 Correct!  |
| OnGo   |
| OnSend   |
|  |
| 7. Which of the following Kotlin functions is used to round up a Double or Float?                                    |
| <pre>kotlin.math.ceilUp()</pre>  |
| ♠ kotlin.math.ceil() ✓ Correct!  |
| <pre>kotlin.math.roundDown()</pre>   |
| <pre>kotlin.math.roundUp()</pre>   |
|  |
| 8. Layout Inspector is a tool in Jetpack Compose that allows you to inspect a Compose layout inside a running app in |
| an emulator or physical device.  |
| ● True ⊘ Correct!  |
| ○ False  |
|  |
| 9. UI tests are stored in the directory.   |
| O main   |
| androidTest  |
| ○ test   |
| ○ res  |
|  |
| 10. Local tests and UI tests should be annotated with the annotation.  |
| <pre>@VisibleForTesting</pre>  |
| @Preview   |
| Orrect!  |

@Composable

## Results

You scored 10 out of 10. Congratulations! You have passed this quiz.



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