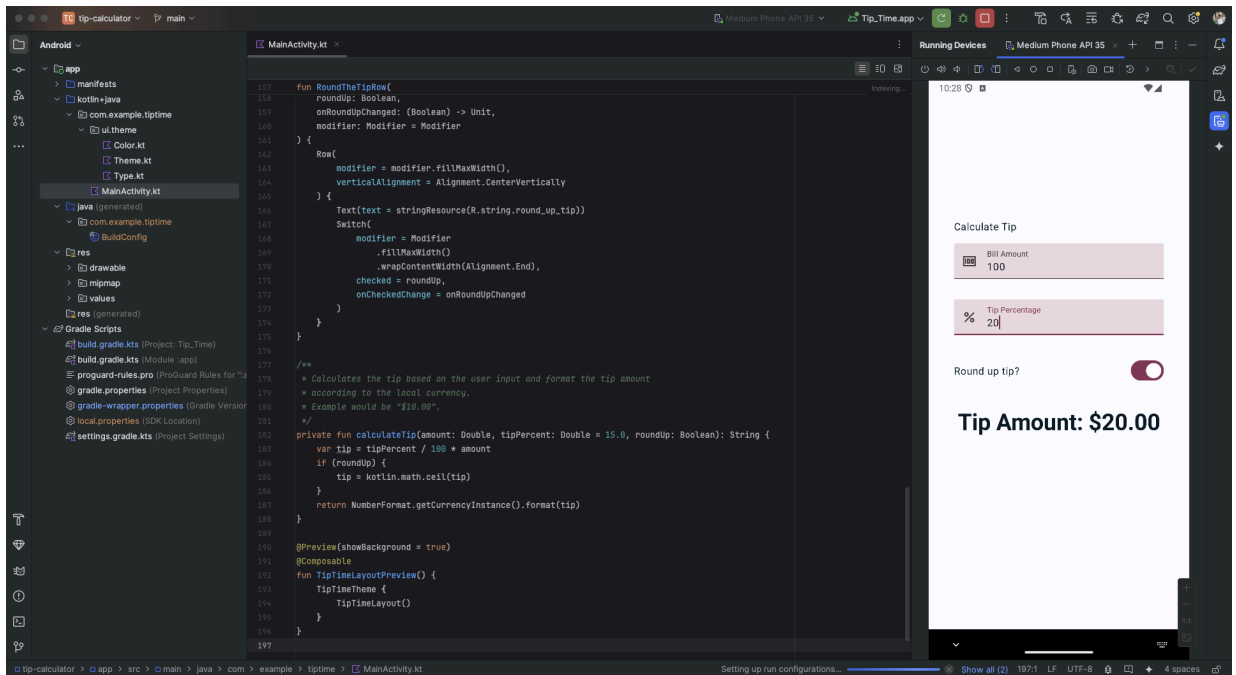


Name: PHẠM ĐỨC ĐẠT

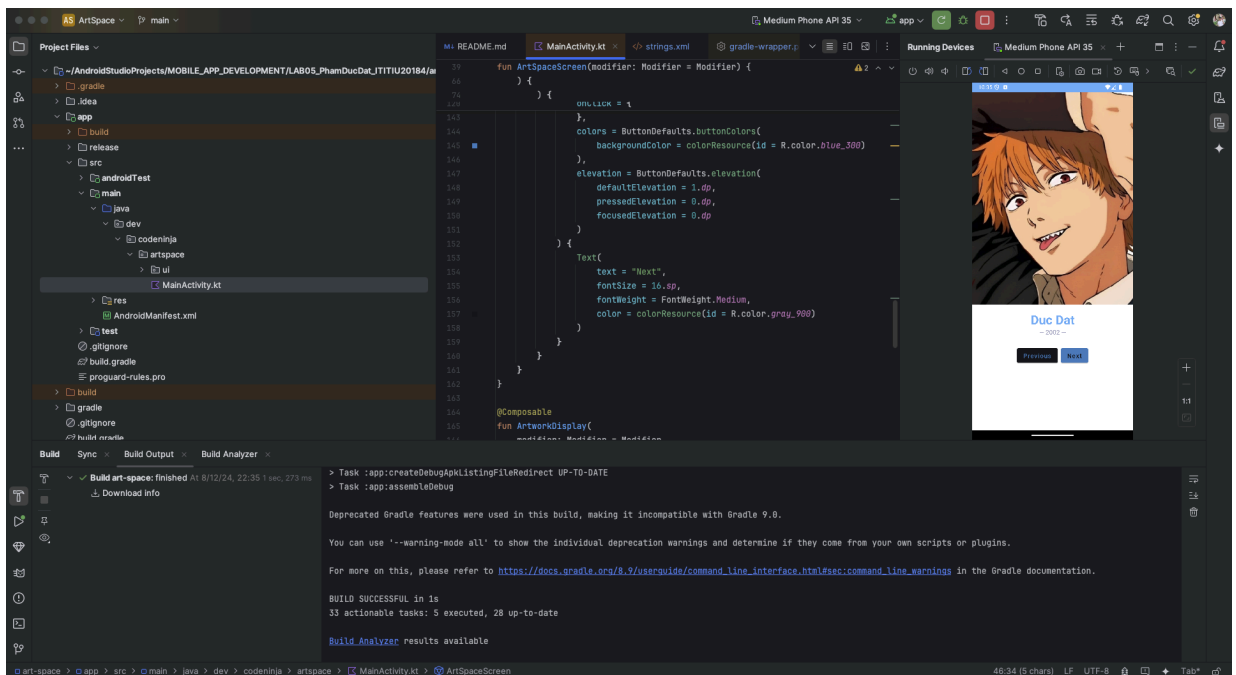
ID STUDENT: ITITIU20184

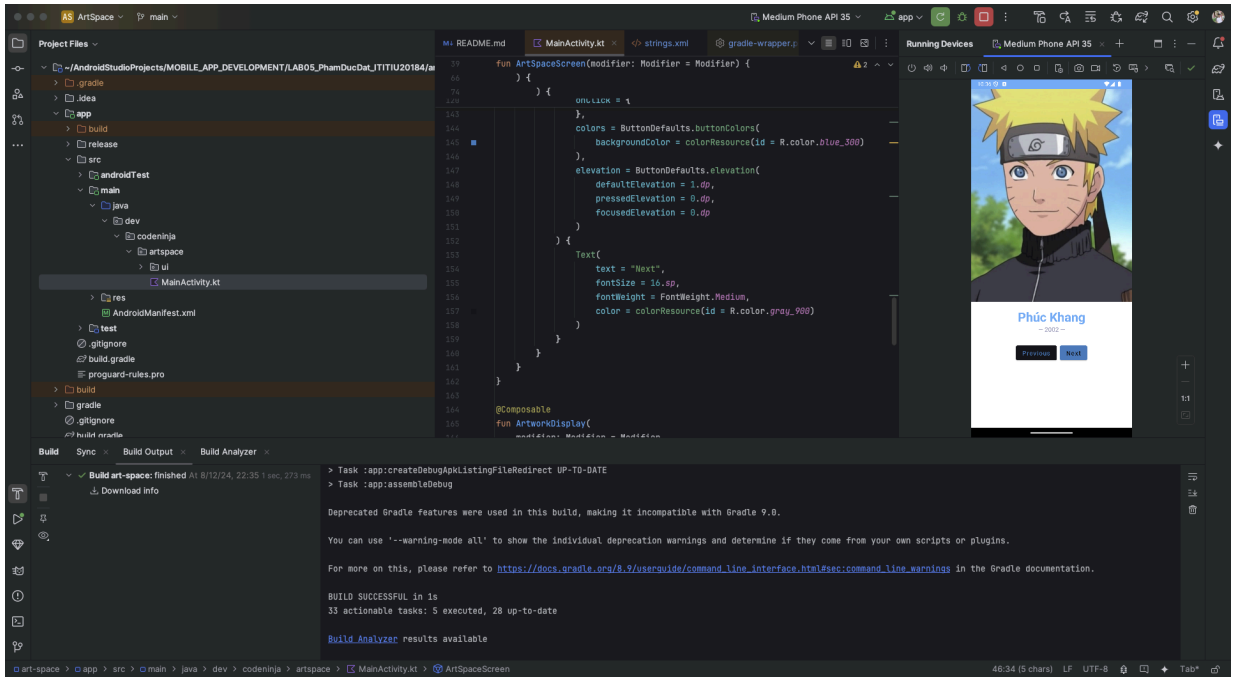
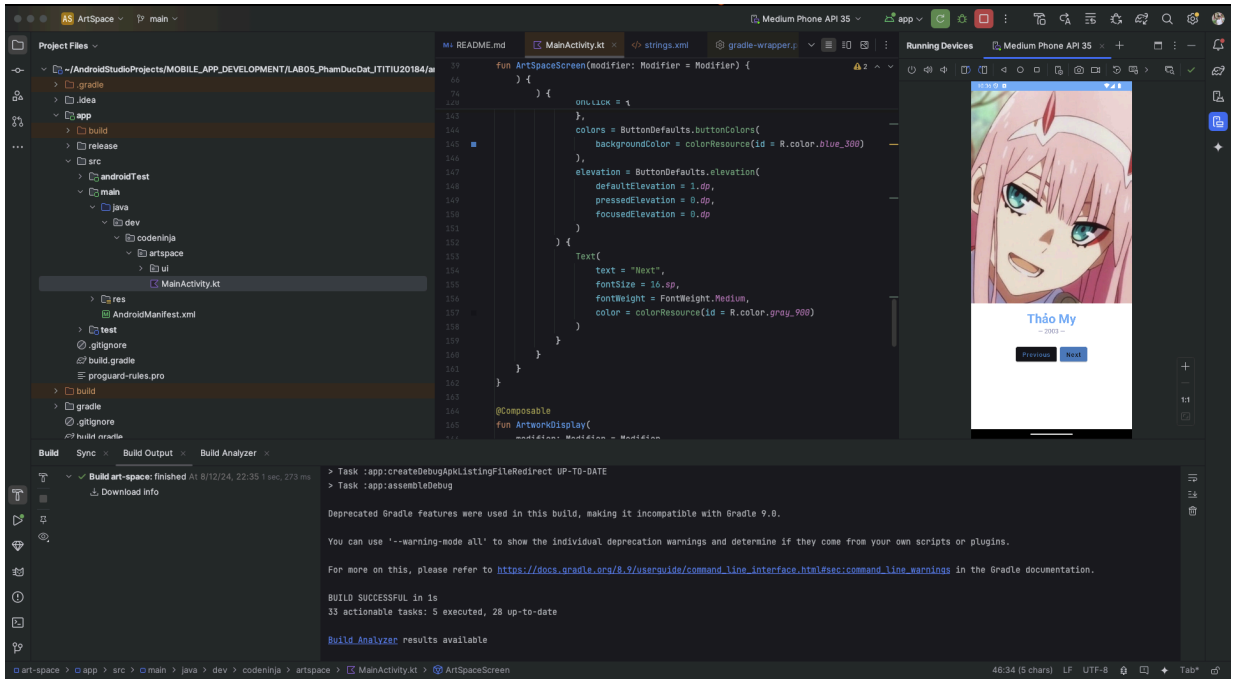
LAB 05 - Lesson 6: Interacting with UI and state

Calculate a custom tip



Project: Create an Art Space app





QUIZ

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](#)

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.

☒ Initial composition ✓ Correct!

☐ Recomposition

☐ State change

☐ App termination

2. The only way to modify a Composition is through recomposition.

☒ True ✓ Correct!

☐ False

3. ___ is when Jetpack Compose re-executes the composables that may have changed in response to data changes.

☐ Initial composition

☒ Recomposition ✓ Correct!

☐ State change

☐ App termination

4. ___ in an application is any value that can change over time.

☒ State ✓ Correct!

☐ value

☐ valueChange

☐ StateValue

5. ___ is a pattern of moving state up to make a component stateless.

☐ State change

☒ State hoisting ✓ Correct!

☐ 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?

☐ `kotlin.math.ceilUp()`

☒ `kotlin.math.ceil()` ✓ Correct!

☐ `kotlin.math.roundDown()`

☐ `kotlin.math.roundUp()`

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.

☐ main

☒ androidTest ☒ Correct!

☐ test

☐ res

10. Local tests and UI tests should be annotated with the ___ annotation.

☐ @VisibleForTesting

☐ @Preview

☒ @Test ☒ Correct!

☐ @Composable

Results

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