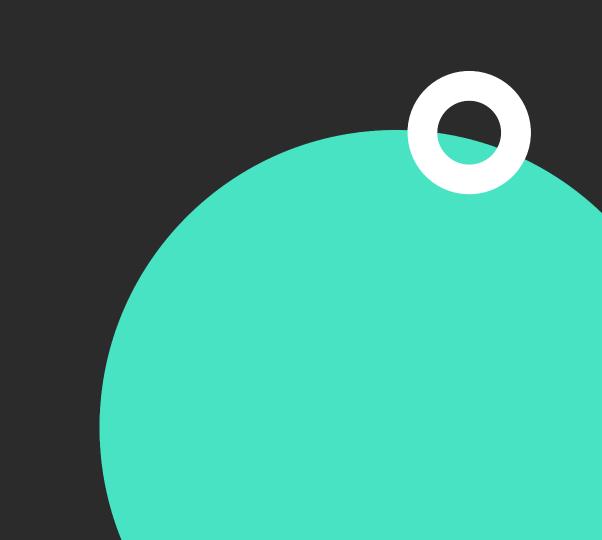# Android Jetpack Compose Previews: Beyond the Basics

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Course Overview

- Configuring Preview

- Dark Theme in Preview

- Multiple Previews using Annotations

- Inspecti Mode

- Previewing Animations

- Handle ViewModels in Previews

Animations Supported in Previews

- animate*AsState

- CrossFade

- rememberInfiniteTransition

- AnimatedContent

- updateTransition

- animatedVisibility

Code Challenge

Challenge

For this challenge, create a new annotation class named LightDarkThemePreview that combines both light and dark theme previews.

Using this annotation with a single preview function should render the Composable preview in both light and dark themes.

Then, replace the existing light and dark themes preview functions with a single function that uses the LightDarkThemePreview annotation.

Hint: You can refer to the MultiDevicePreview annotation for inspiration.

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Summary

- Use the @Preview annotation to display previews inside Android Studio
- showSystemUi = true will display the status bar and navigation bar
- device specifies the preview device. There is a pre-defined list of devices
- Multiple Preview annotations can be specified on a new annotation
- uiMode = UI_MODE_NIGHT_YES will display the preview in Dark Mode
- LocalInspectMode.current can be used to specify preview-only behavior
- PreviewParamProvider Classes can extend to provide data for multiple previews

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Thank You!

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