

## Code for Simulated Android App

```
@Target(AnnotationTarget.FUNCTION)
annotation class Composable

class MainActivity {

    fun onCreate() {
        println("Launching Greeting Card Simulation...")
        setContent {
            GreetingScreen("Ambika")
        }
    }

    private fun setContent(content: () -> Unit) {
        println("Setting up the content...")
        content()
    }
}

@Composable
fun GreetingScreen(name: String) {
    println("Hello $name! Welcome to your first Kotlin App!")
}

@Composable
fun AppTheme(content: () -> Unit) {
    println("Applying GreetingCard Theme...")
    content()
}

fun preview() {
    println("--- Preview Mode ---")
    GreetingScreen("Android Learner")
```

```
    println("--- End of Preview ---")

}

fun main() {

    println("===== Simulated Android App =====\n")

    val activity = MainActivity()

    activity.onCreate()

    println()

    AppTheme {

        GreetingScreen("Ambika")

    }

    println()

    preview()

    println("\n===== End of Simulation =====")
}
```