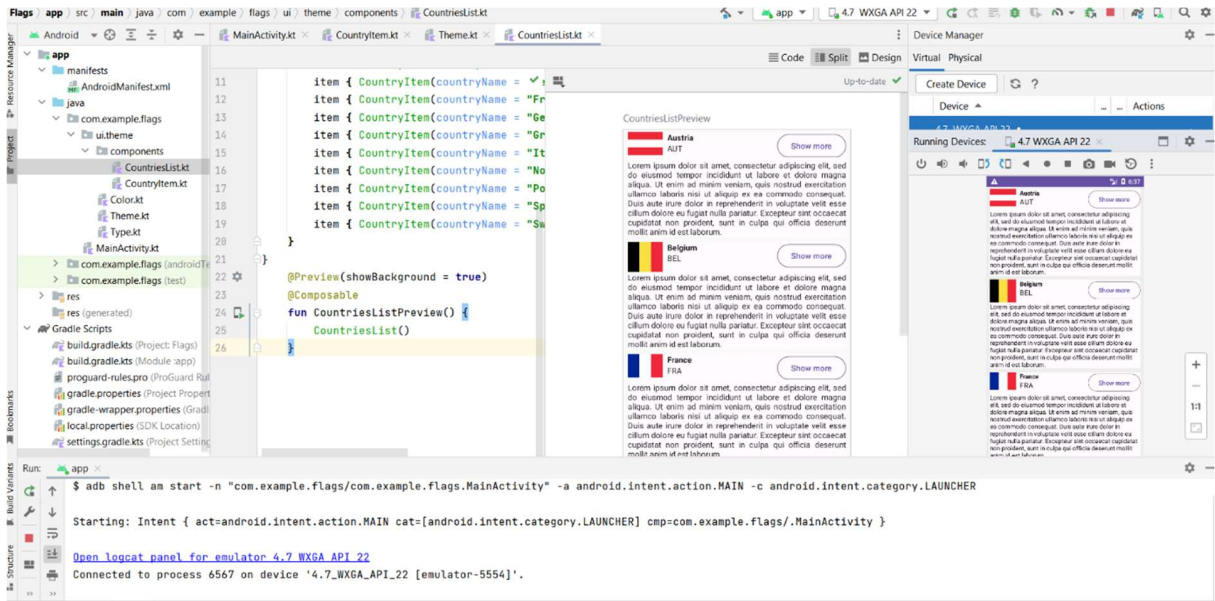
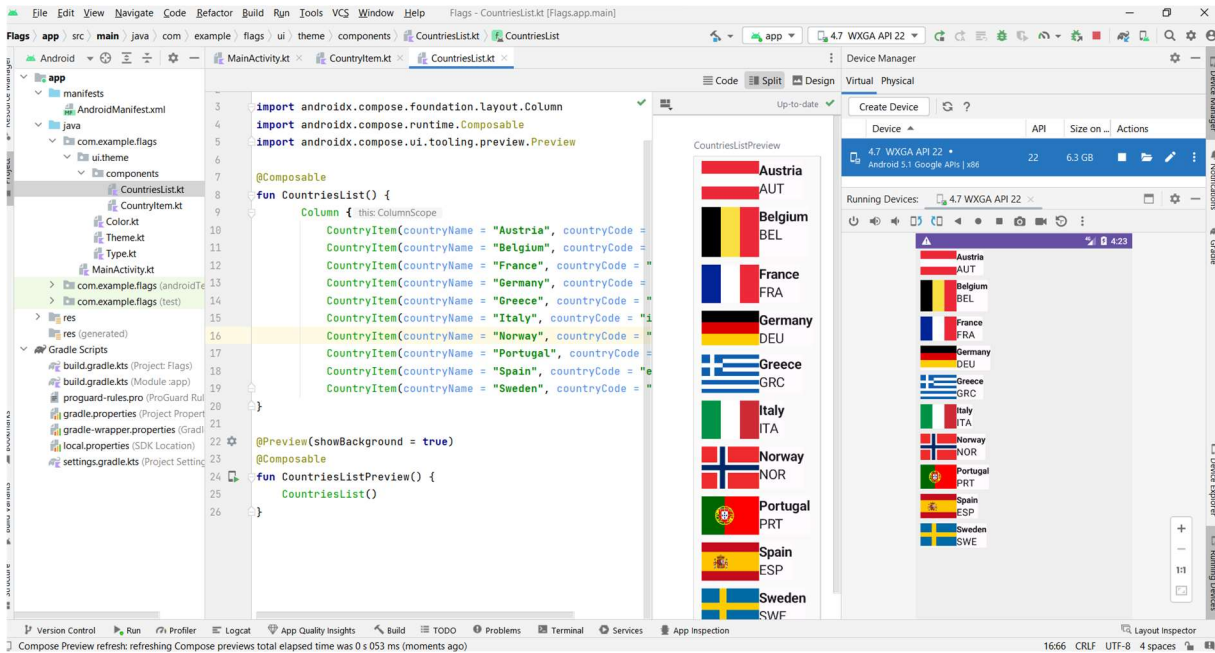


# APPLICATION MOBILE ANDROID FLAGS



```
package com.example.flags.ui.theme.components

import androidx.compose.foundation.layout.*
import androidx.compose.material.*
import androidx.compose.runtime.*
import androidx.compose.ui.res.painterResource
import androidx.compose.ui.res.stringResource

@Composable
fun CountryItem(
    countryName: String,
    countryCode: String,
    countryDescription: String = "Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.",
    shouldExpand: Boolean = rememberSaveable { mutableStateOf(value: true) }
) {
    Surface(modifier = Modifier.padding(vertical = 4.dp, horizontal = 8.dp)) {
        Column {
            Row {
                Image(
                    painter = painterResource(
                        id = LocalContext.current.resources.getIdentifier(
                            countryName,
                            "drawable",
                            "",
                            ""
                        ),
                    ),
                    modifier = Modifier.size(40.dp)
                )
                Column {
                    Text(
                        text = countryName,
                        style = MaterialTheme.typography.title2
                    )
                    Text(
                        text = countryCode,
                        style = MaterialTheme.typography.title2
                    )
                    Text(
                        text = countryDescription,
                        style = MaterialTheme.typography.body1
                    )
                }
            }
        }
    }
}
```

Running Devices: 4.7 WXGA, API 22

Starting: Intent { act=android.intent.action.MAIN cat=[android.intent.category.LAUNCHER] cmp=com.example.flags/.MainActivity }

Connected to process 6964 on device '4.7\_WXGA\_API\_22 [emulator-5554]'.

```
item { CountryItem(country = Country(countryName = "Austria", countryCode = "AUT", countryDescription = "Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.", shouldExpand = true)) }
item { CountryItem(country = Country(countryName = "Belgium", countryCode = "BEL", countryDescription = "Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.", shouldExpand = true)) }
item { CountryItem(country = Country(countryName = "France", countryCode = "FRA", countryDescription = "Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.", shouldExpand = true)) }
item { CountryItem(country = Country(countryName = "Germany", countryCode = "DEU", countryDescription = "Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.", shouldExpand = true)) }
item { CountryItem(country = Country(countryName = "Greece", countryCode = "GRC", countryDescription = "Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.", shouldExpand = true)) }
item { CountryItem(country = Country(countryName = "Italy", countryCode = "ITA", countryDescription = "Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.", shouldExpand = true)) }
item { CountryItem(country = Country(countryName = "Norway", countryCode = "NOR", countryDescription = "Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.", shouldExpand = true)) }
item { CountryItem(country = Country(countryName = "Portugal", countryCode = "PRT", countryDescription = "Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.", shouldExpand = true)) }
item { CountryItem(country = Country(countryName = "Spain", countryCode = "ESP", countryDescription = "Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.", shouldExpand = true)) }
item { CountryItem(country = Country(countryName = "Sweden", countryCode = "SWE", countryDescription = "Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.", shouldExpand = true)) }
```

```
fun CountriesListPreview() {
    CountriesList(navHostController = NavHostController(context = LocalContext.current))
}
```

Running Devices: 4.7 WXGA, API 22

Starting: Intent { act=android.intent.action.MAIN cat=[android.intent.category.LAUNCHER] cmp=com.example.flags/.MainActivity }

Connected to process 10241 on device '4.7\_WXGA\_API\_22 [emulator-5554]'.

This screenshot shows the Android Studio interface with the `CountriesListPreview` component selected. The code in the center lists several countries: Belgium, France, Germany, Greece, Italy, Norway, Portugal, Spain, and Sweden. The right-hand pane displays a preview of the UI, which shows a list of country cards. Each card includes a flag, the country name, and a 'Show less' button. The preview also shows a 'DETAILS' section for each country, which is currently collapsed.

```

20 item { CountryItem(country = Country(countryName = "Austria", countryCo
21 item { CountryItem(country = Country(countryName = "Belgium", count
22 item { CountryItem(country = Country(countryName = "France", countryCo
23 item { CountryItem(country = Country(countryName = "Germany", countryC
24 item { CountryItem(country = Country(countryName = "Greece", countryCo
25 item { CountryItem(country = Country(countryName = "Italy", countryCo
26 item { CountryItem(country = Country(countryName = "Norway", countryCo
27 item { CountryItem(country = Country(countryName = "Portugal", country
28 item { CountryItem(country = Country(countryName = "Spain", countryCo
29 item { CountryItem(country = Country(countryName = "Sweden", countryCo
30 }
31 }
32 }

```

```

@Preview(showBackground = true)
@Composable
fun CountriesListPreview() {
    CountriesList(navHostController = NavHostController(context = LocalCon

```

Starting: Intent { act=android.intent.action.MAIN cat=[android.intent.category.LAUNCHER] cmp=com.example.flags/.MainActivity }

Open logcat panel for emulator 4.7 WXGA API 22

Connected to process 10241 on device '4.7\_WXGA\_API\_22 [emulator-5554]'.

This screenshot shows the same Android Studio interface, but with the `CountriesListPreview` component updated. The code now includes a `showBackground = true` parameter in the `@Preview` annotation. The right-hand pane shows the updated UI preview, which now includes a 'Show more' button next to the 'Show less' button for each country card. The 'DETAILS' section for each country is also visible, showing a 'Show less' button to collapse it.

```

20 item { CountryItem(country = Country(countryName = "Austria", countryCo
21 item { CountryItem(country = Country(countryName = "Belgium", count
22 item { CountryItem(country = Country(countryName = "France", countryCo
23 item { CountryItem(country = Country(countryName = "Germany", countryC
24 item { CountryItem(country = Country(countryName = "Greece", countryCo
25 item { CountryItem(country = Country(countryName = "Italy", countryCo
26 item { CountryItem(country = Country(countryName = "Norway", countryCo
27 item { CountryItem(country = Country(countryName = "Portugal", country
28 item { CountryItem(country = Country(countryName = "Spain", countryCo
29 item { CountryItem(country = Country(countryName = "Sweden", countryCo
30 }
31 }
32 }

```

```

@Preview(showBackground = true)
@Composable
fun CountriesListPreview() {
    CountriesList(navHostController = NavHostController(context = LocalCon

```

Starting: Intent { act=android.intent.action.MAIN cat=[android.intent.category.LAUNCHER] cmp=com.example.flags/.MainActivity }

Open logcat panel for emulator 4.7 WXGA API 22

Connected to process 10241 on device '4.7\_WXGA\_API\_22 [emulator-5554]'.