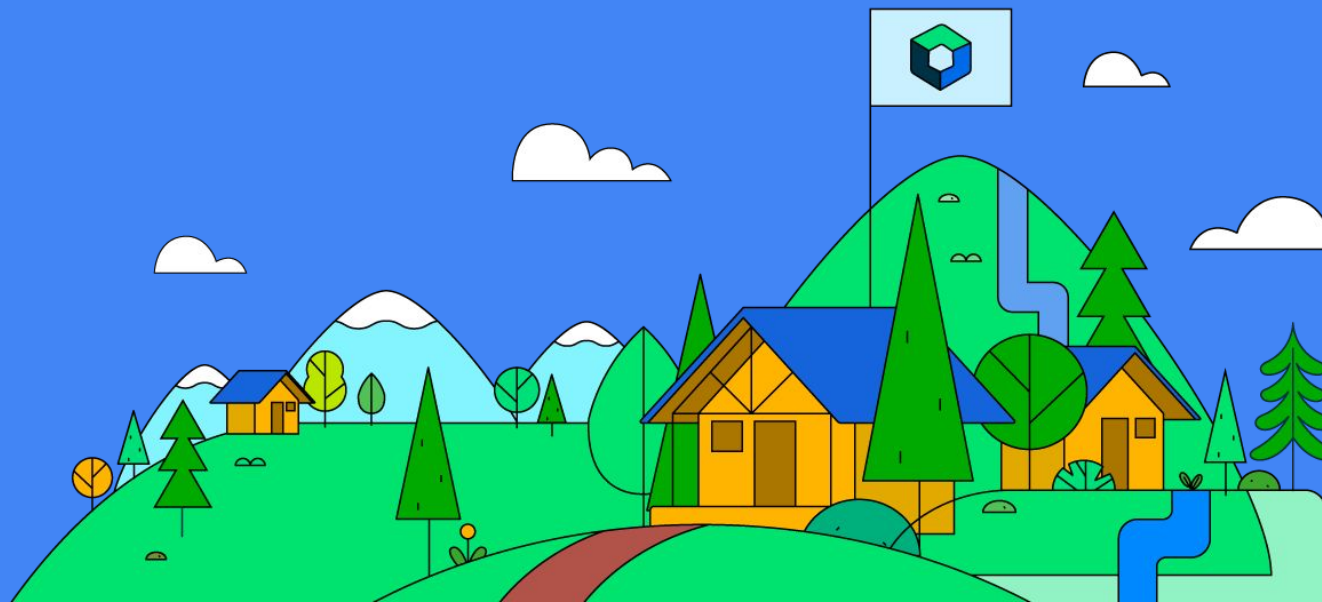


Compose Camp

Android Basics with Compose:

android

This work is licensed under the [Apache 2.0 License](#)



Welcome back

Any questions?



Today's Schedule

TOPIC	TIME
Presentation	18:00 - 19:30
Download and Install Android Studio	19:00- 19:30
Create your first Android app	19:10 - 19:20
Run your first app on the Android emulator	19:20 - 19:25
Connect your physical Android device	19:25 - 19:30
Wrap up	19:30 - 19:35

Session Overview

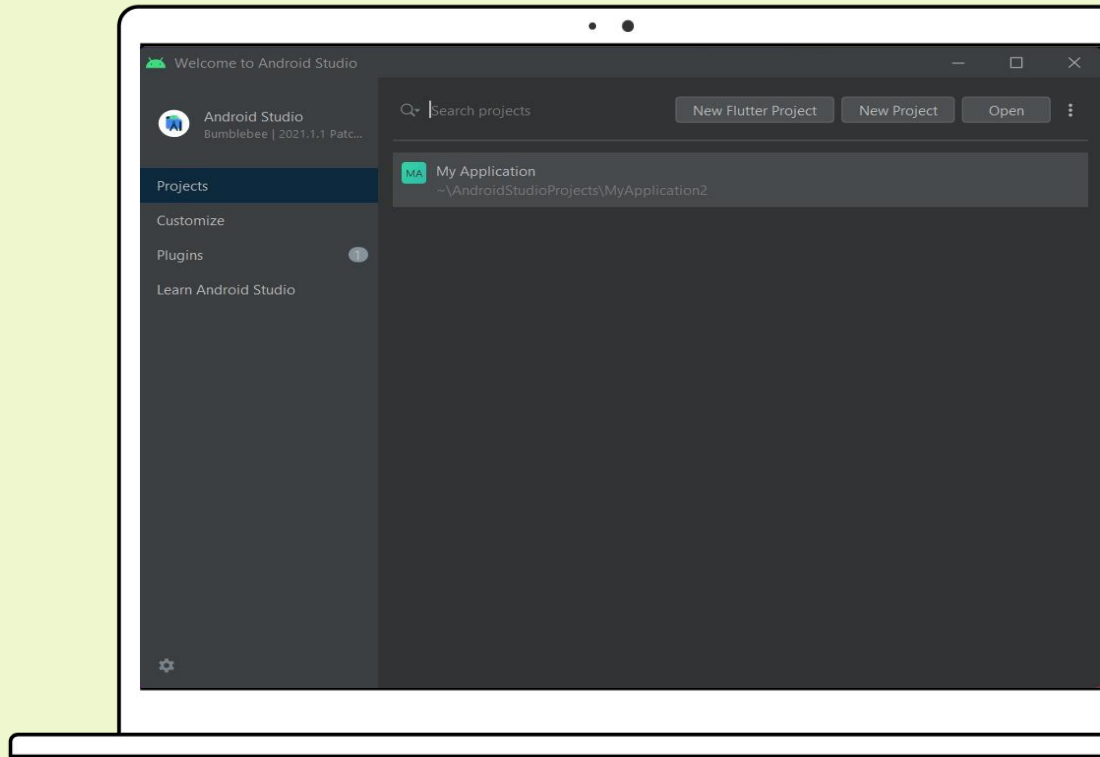
android

This work is licensed under the [Apache 2.0 License](#)

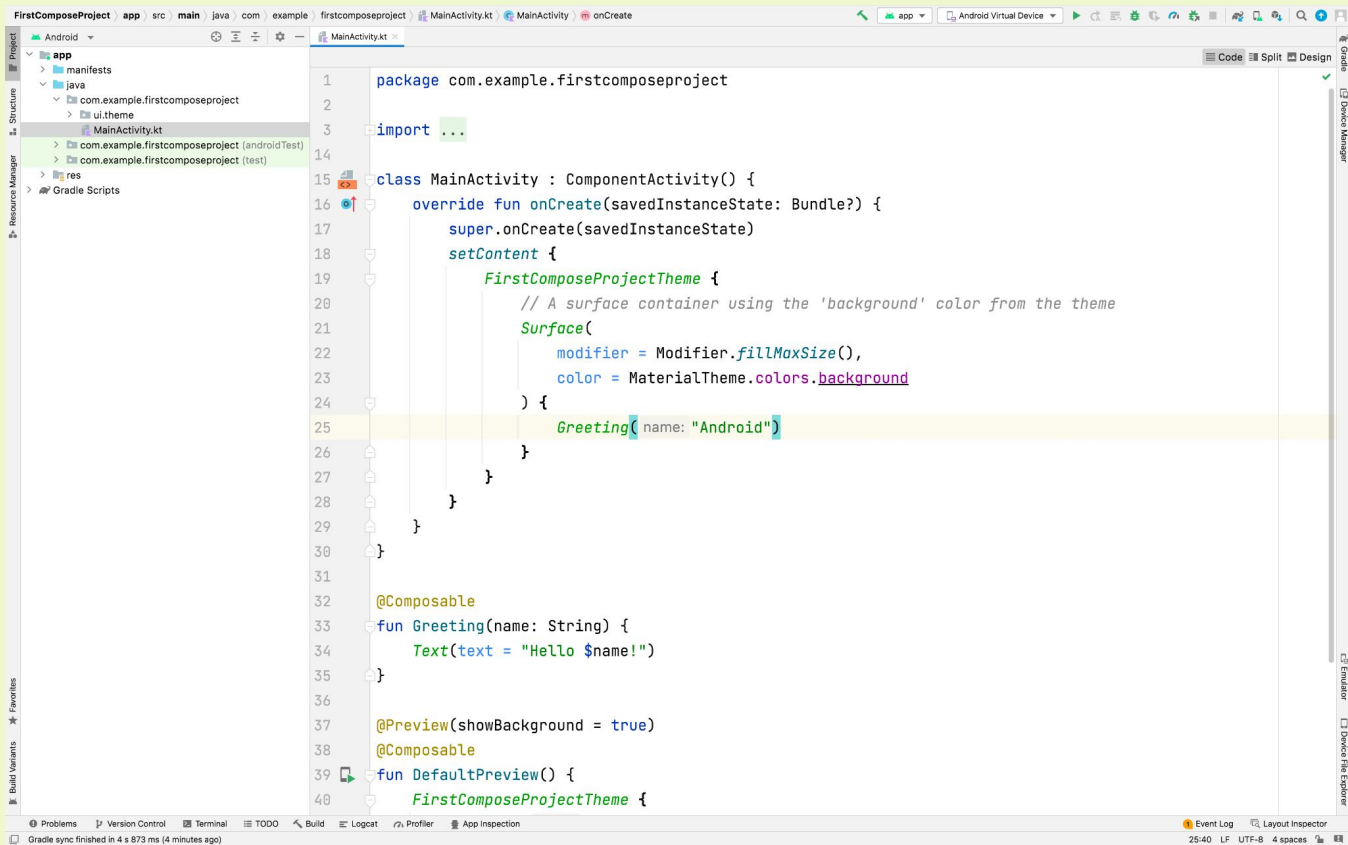


Android Studio

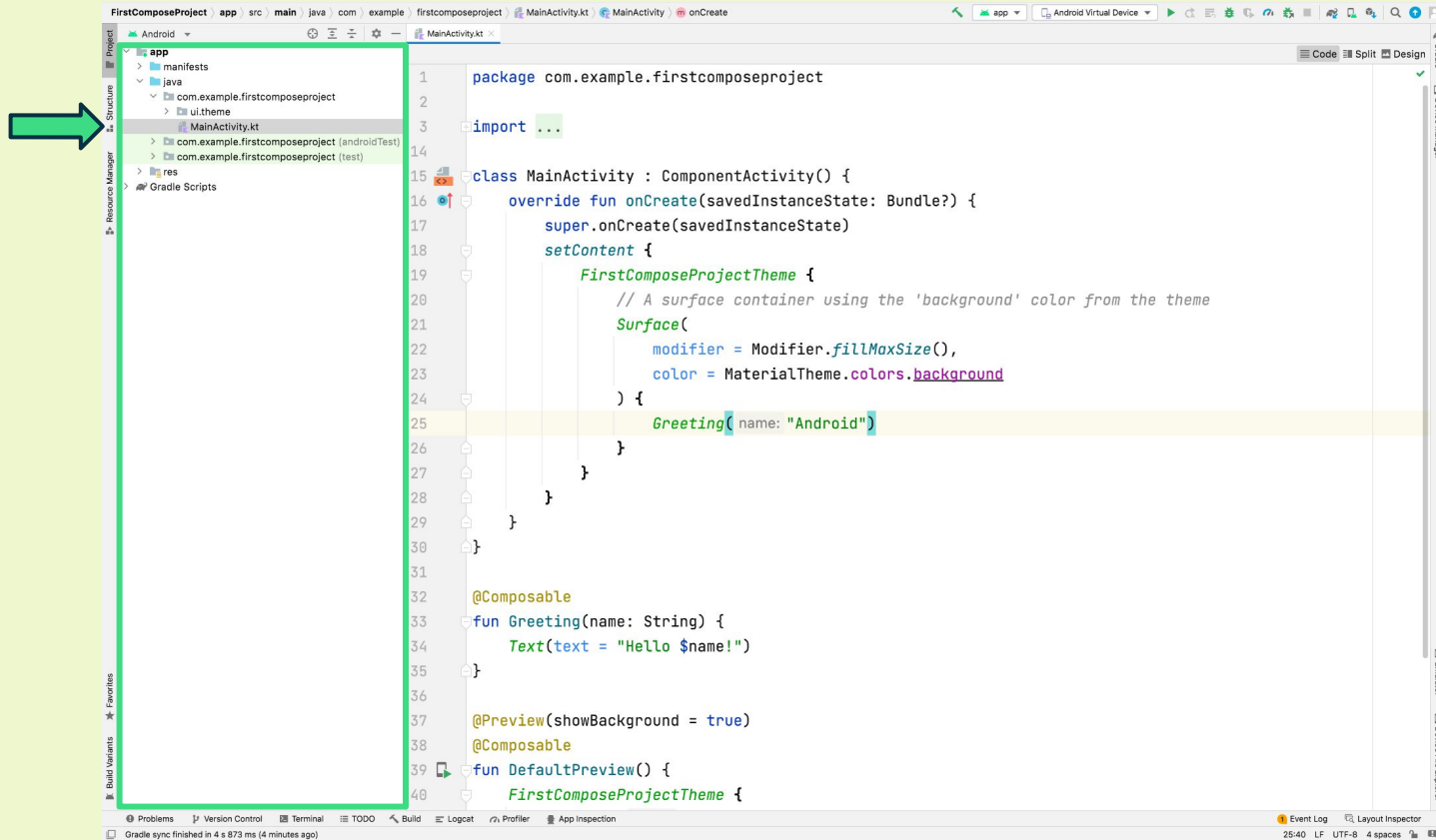




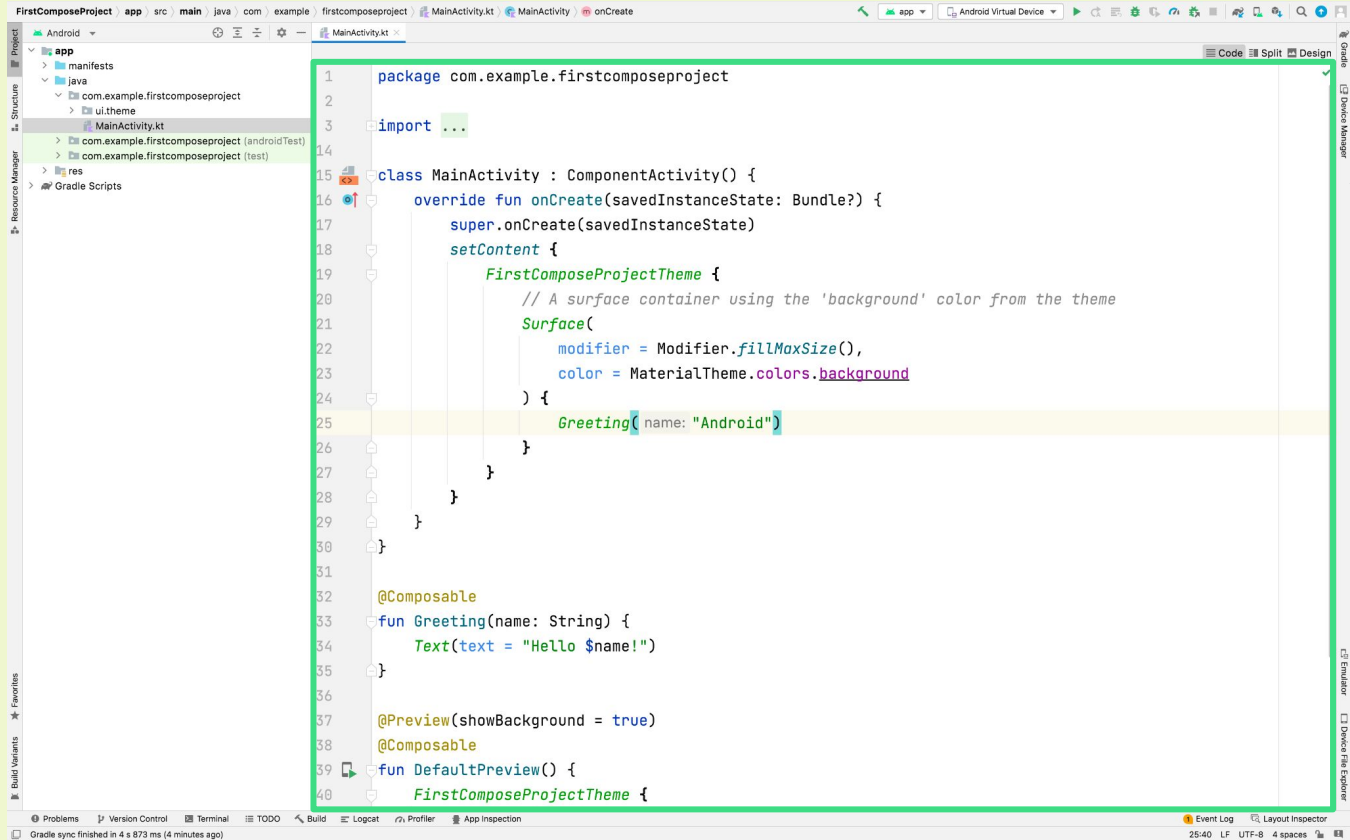
Android Studio



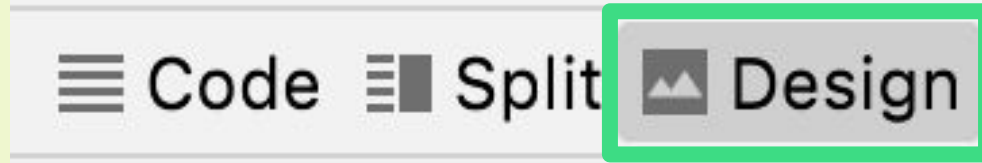
Android Studio - Project View



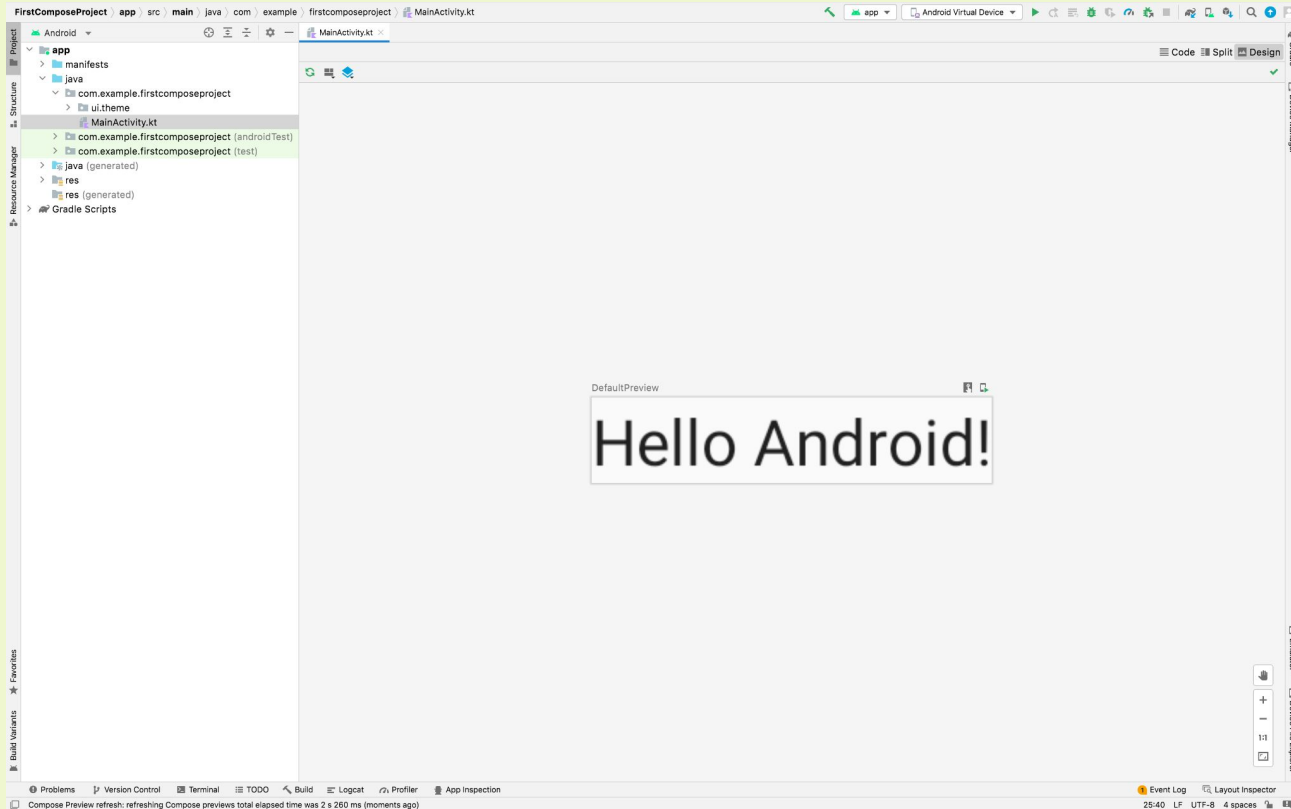
Android Studio - Code View



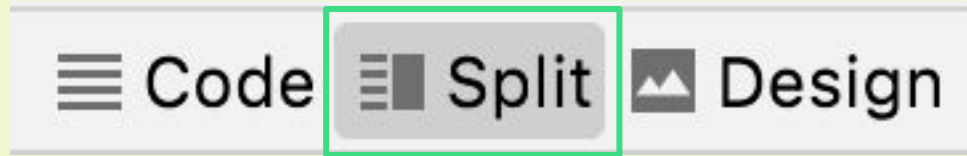
Android Studio - Code View



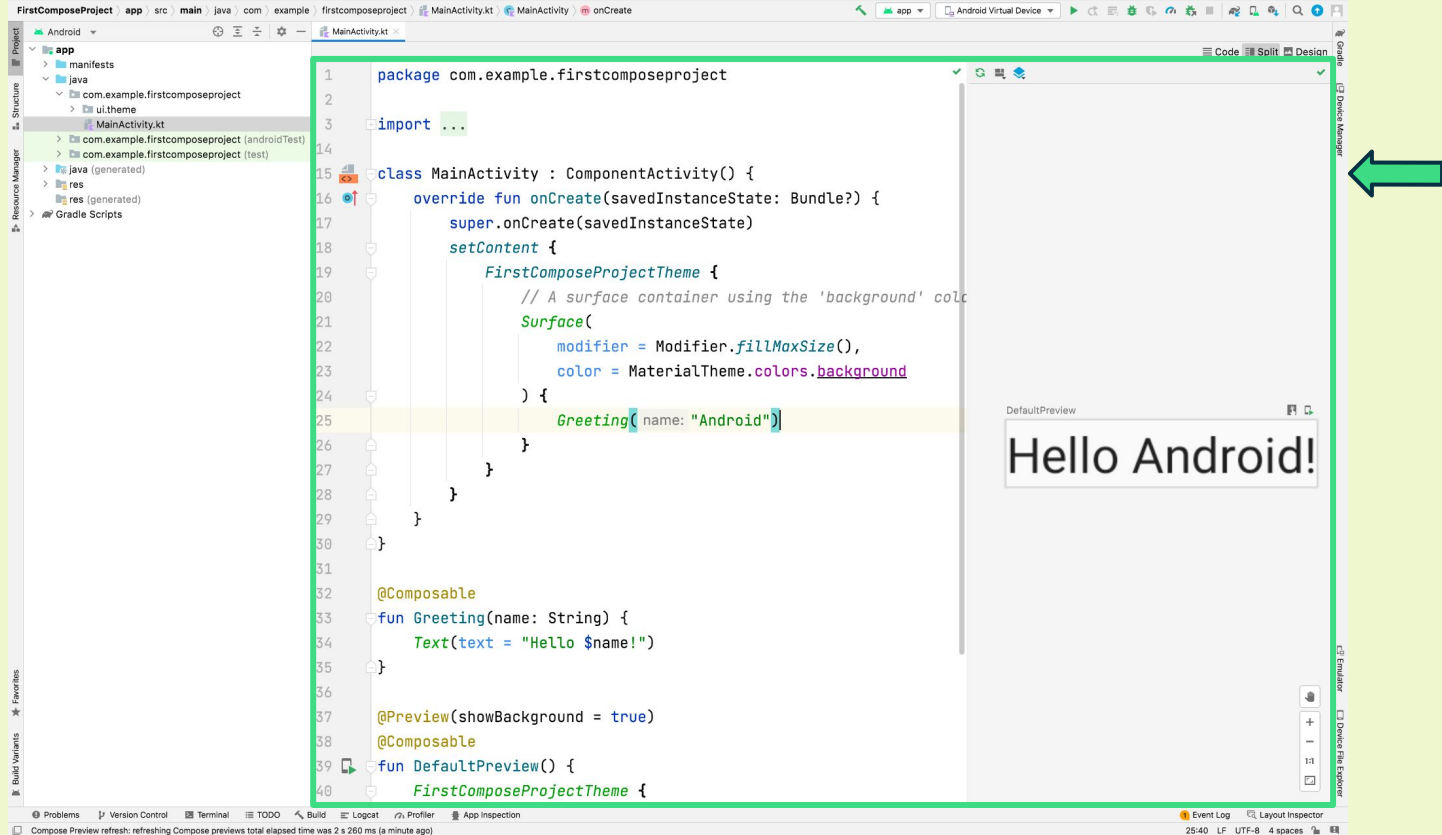
Android Studio - Design View



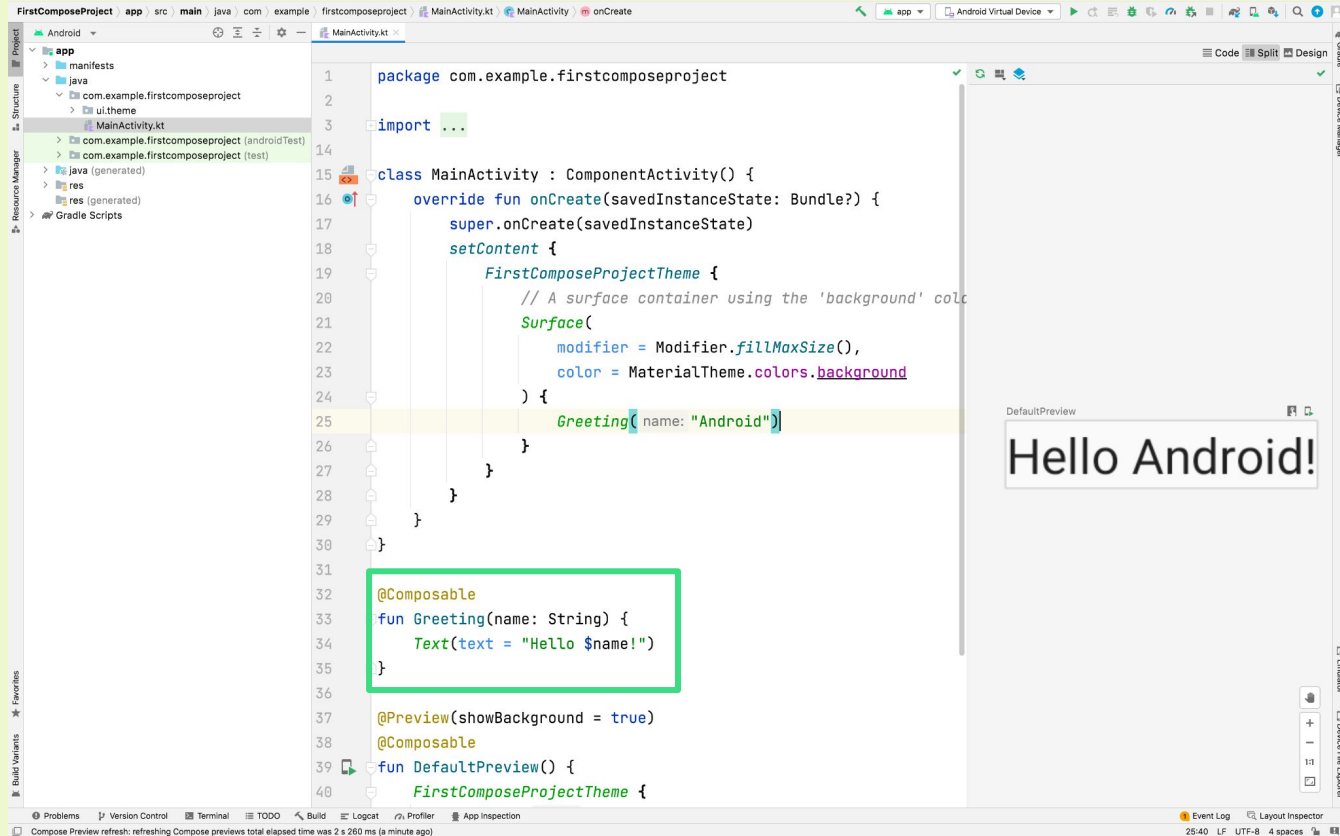
Android Studio - Design View



Android Studio – Split View

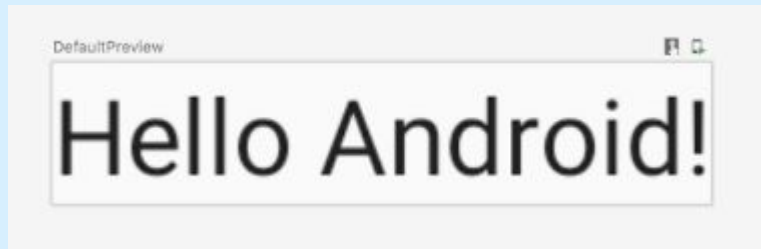
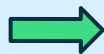


Android Studio - Greeting function



Greeting()

```
@Composable  
fun Greeting(name: String) {  
    Text(text = "Hello $name!")  
}
```

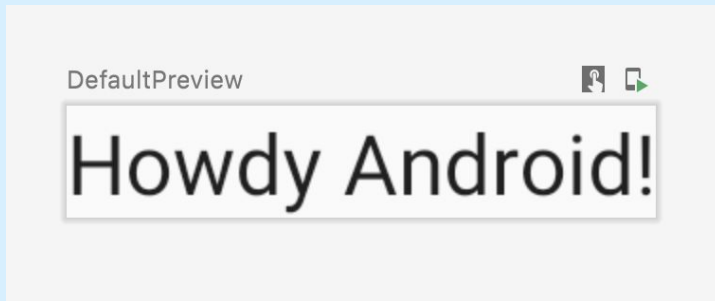


Greeting()

```
@Composable  
fun Greeting(name: String) {  
    Text(text = "Howdy $name!")  
}
```


Greeting()

```
@Composable
fun Greeting(name: String) {
    Text(text = "Howdy $name!")
}
```



DefaultPreview()

```
@Preview(showBackground = true)
@Composable
fun DefaultPreview() {
    FirstComposeProjectTheme {
        Greeting("Android")
    }
}
```

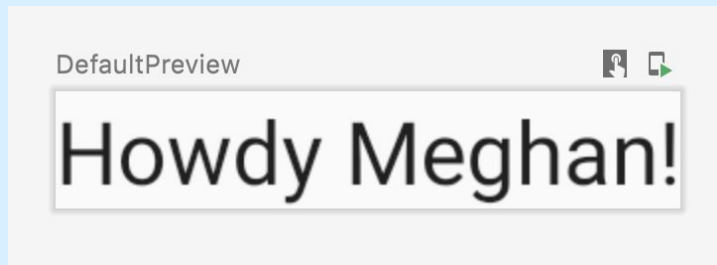
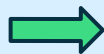
DefaultPreview()

```
@Preview(showBackground = true)
@Composable
fun DefaultPreview() {
    FirstComposeProjectTheme {
        Greeting("Meghan")
    }
}
```

Greeting()

```
@Composable
fun Greeting(name: String) {
    Text(text = "Howdy $name!")
}

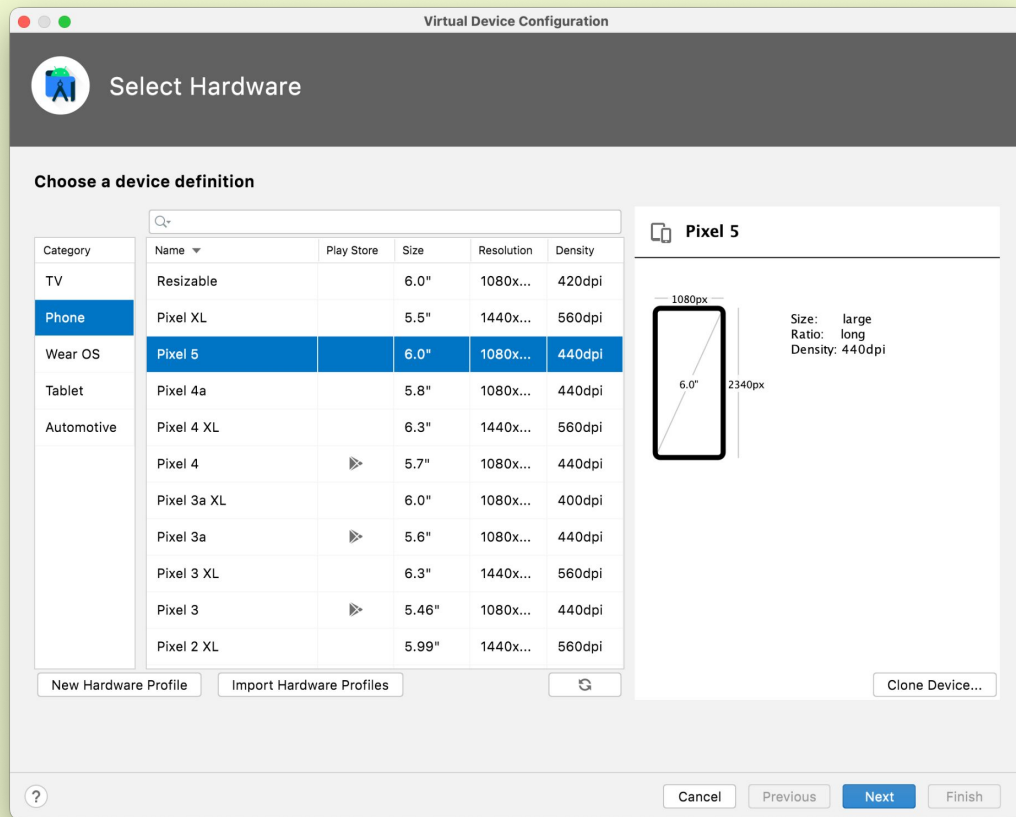
@Preview(showBackground = true)
@Composable
fun DefaultPreview() {
    FirstComposeProjectTheme {
        Greeting("Meghan")
    }
}
```



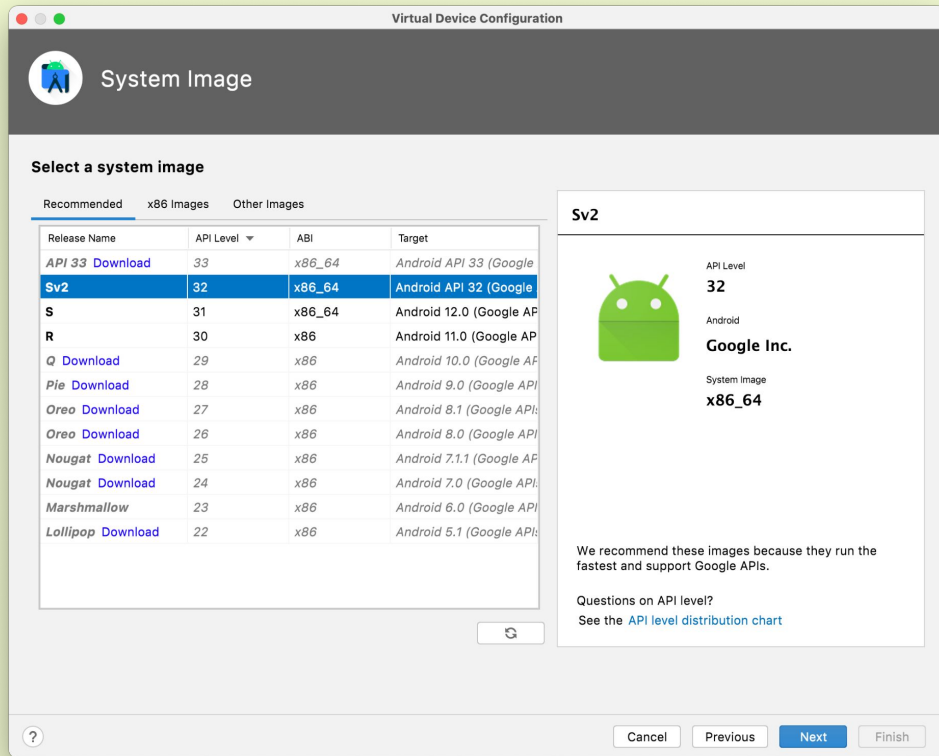
What is an emulator?

The Android Emulator emulates Android devices on your computer so that you can test your application on a variety of devices and Android API levels without needing to have each physical device.

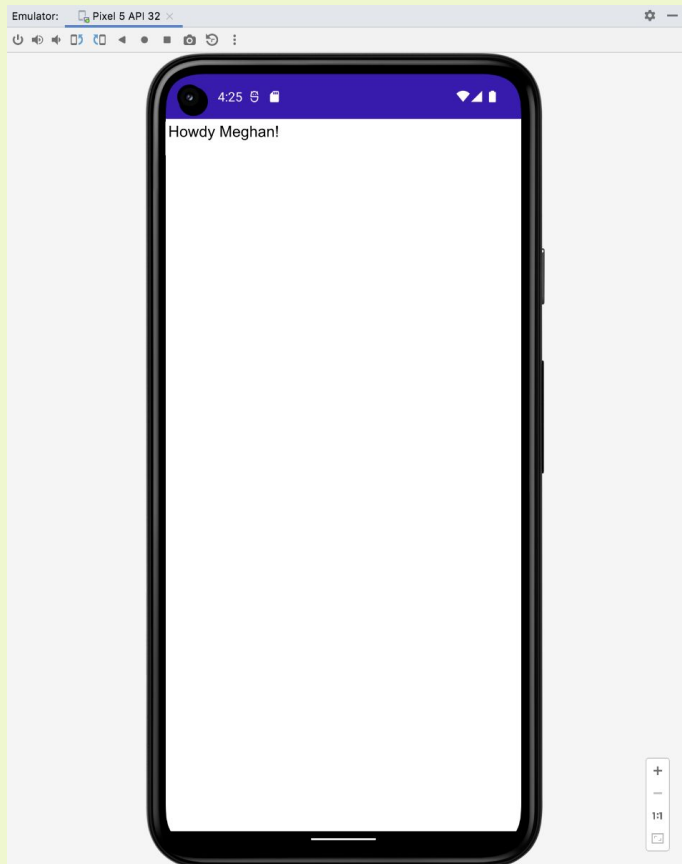
Creating an emulator



Creating an emulator



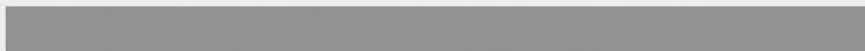
Favorite Color App



Running your app on a physical device

Allow USB debugging?

The computer's RSA key fingerprint is:



Always allow from this computer

CANCEL

OK

Let's get started

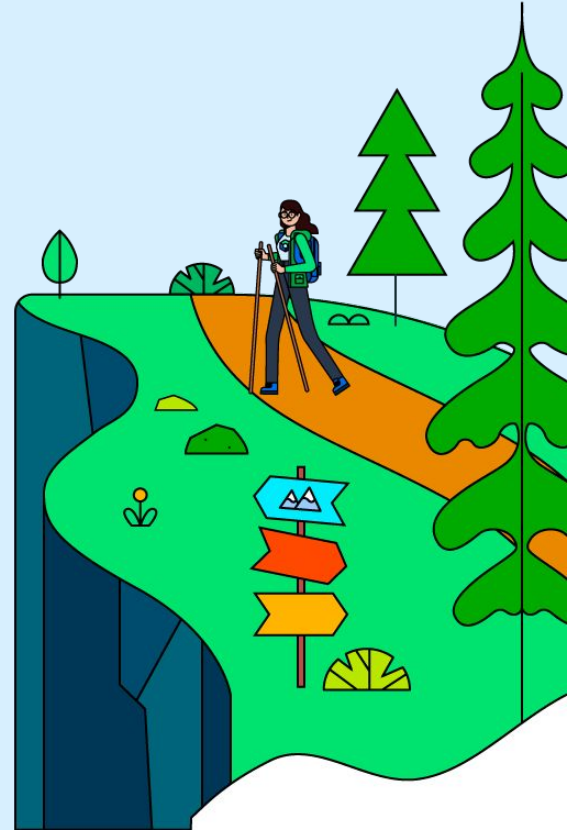


Have a Question? Just ask



Welcome back

And congrats!



Share what you've
learned using

#ComposeCamp

on Twitter

For a chance to be
featured by Android,
submit your tips on
learning Compose to
goo.gle/compose-tips



Learn More



This work is licensed under the [Apache 2.0 License](#)

android

See you at the next Compose Camp Session!

Optional resources to check out:

- Official Android Developers Site: developer.android.com
- [Official Android Developers Blog](#) (for announcements)
- [Android Developers Medium Blog](#) (for more technical articles)
- [Android Developers](#) YouTube channel
- Follow [@AndroidDev](#) on Twitter
- Follow [@AndroidDev](#) on LinkedIn
- Subscribe to the [Android Developer Newsletter](#)

