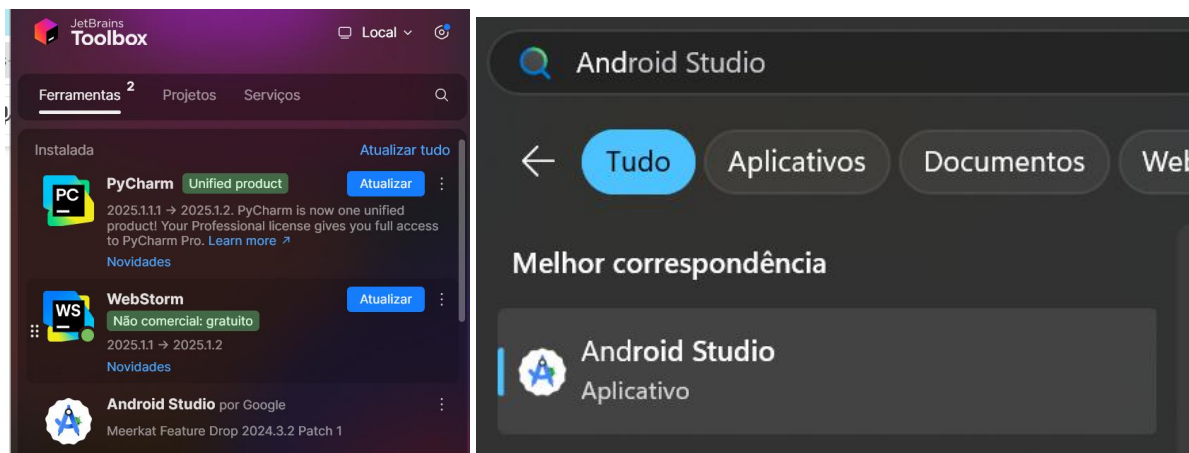


CRIANDO PROJETO KOTLIN

PRÉ-REQUISITOS:

1 - Ter **Android Studio** já instalado na máquina.

Procure se tem no Toolbox. *Ou se está já instalado na máquina.*



Senão, instale o AndroidStudio pelo link = [Download Android Studio & App Tools - Android Developers](#)

Google shall still be allowed to apply for injunctive remedies (or an equivalent type of urgent legal relief) in a

☒ I have read and agree with the above terms and conditions

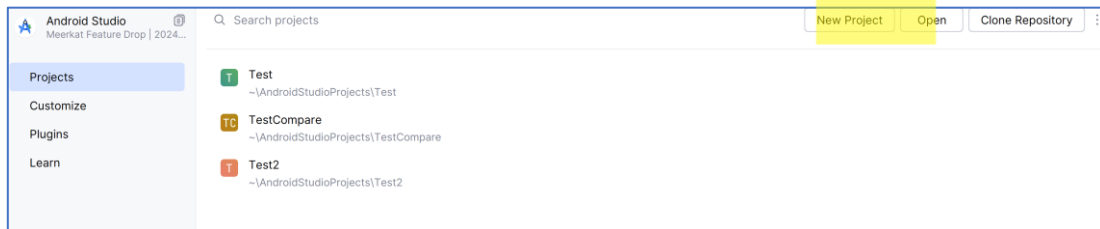
Download Android Studio Meerkat Feature Drop | 2024.3.2 Patch 1 for Windows

`android-studio-2024.3.2.15-windows.exe`

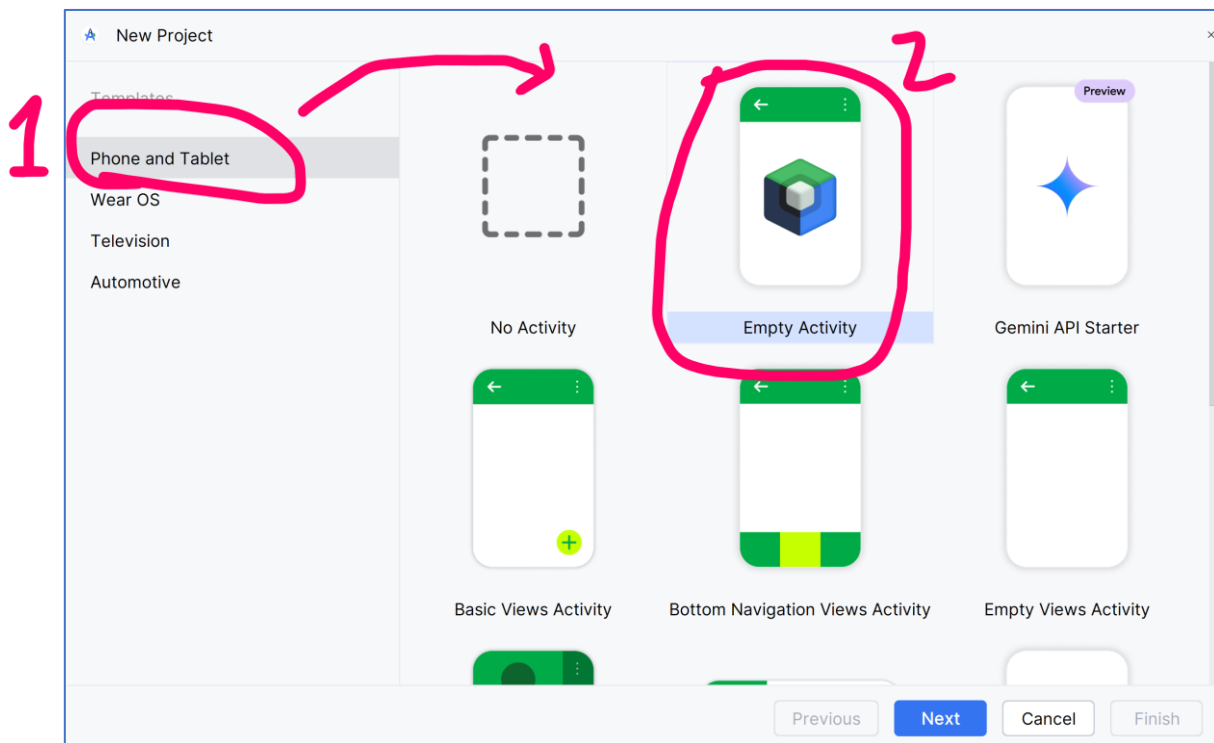
CRIANDO O PROJETO KOTLIN:

1 – Vamos criar um novo projeto Kotlin chamado “KotlinApp”

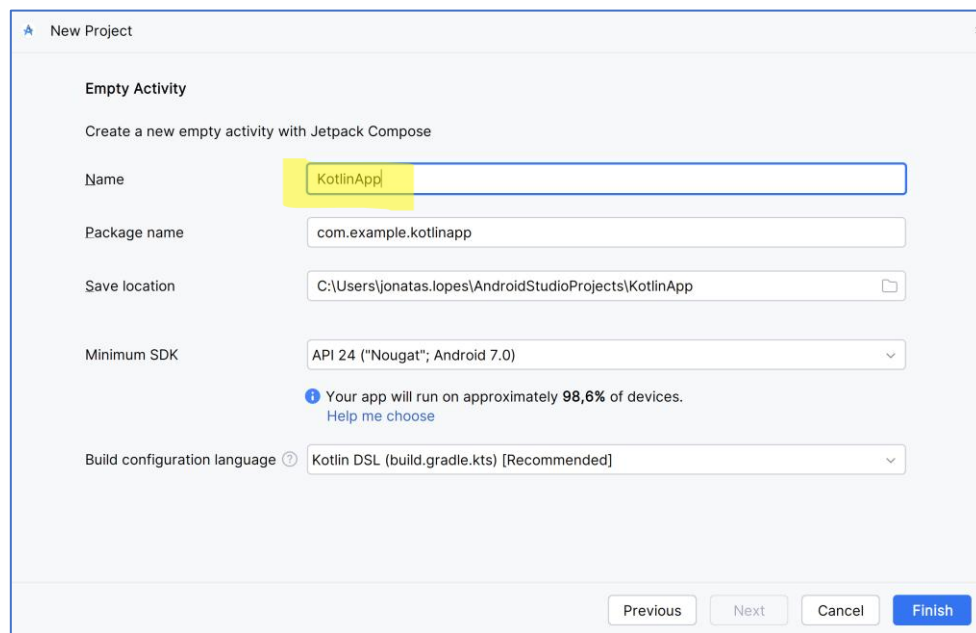
Clique em **“New Project”**



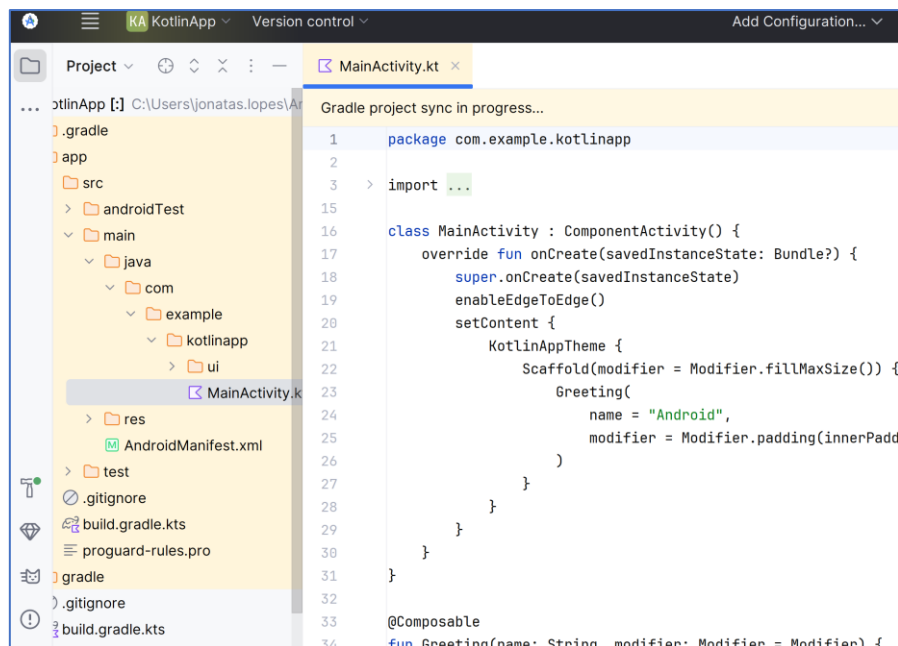
2 – Selecione Phone and Tablet > EmptyActivity



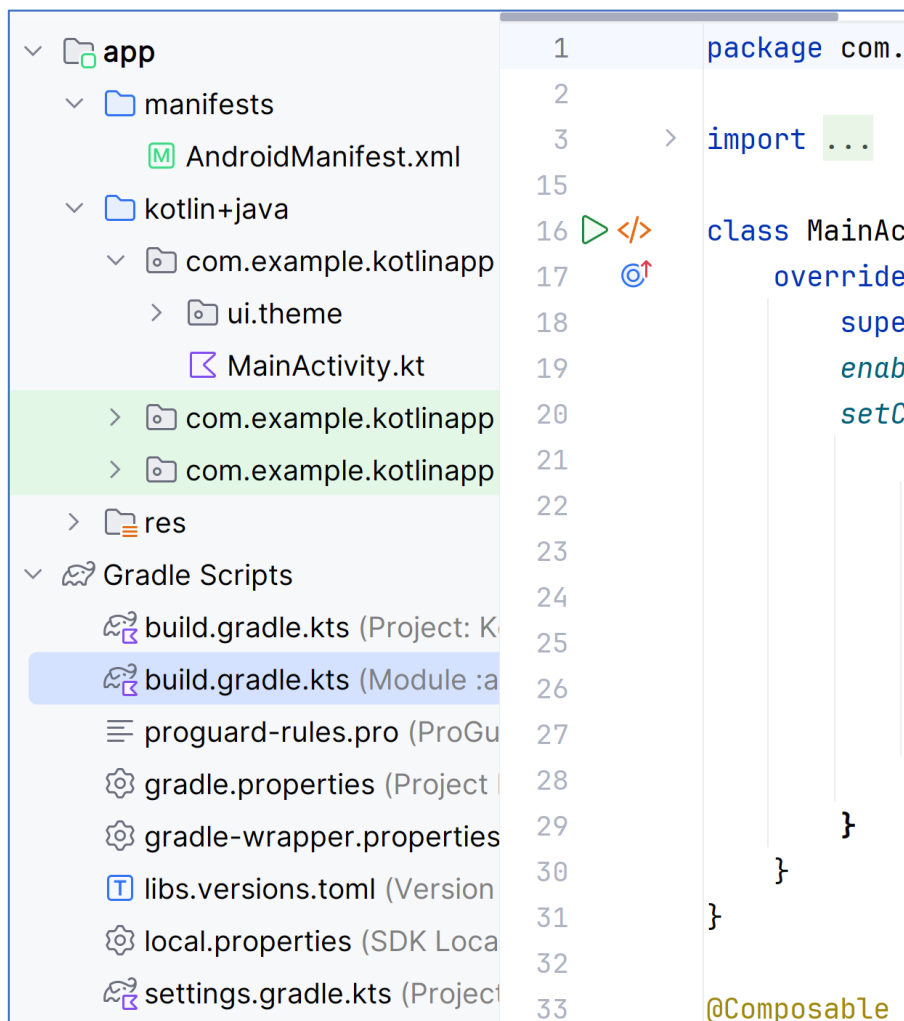
2 - Escreva o nome do projeto, *ele automaticamente atualiza os outros campos*



3 - Aguarde ele criar, *(as pastas vão ficar assim inicialmente... mas depois ele arruma)*



4 - Aplicativo Criado, o **AndroidManifest** é onde se coloca as permissões do App (câmera etc.)

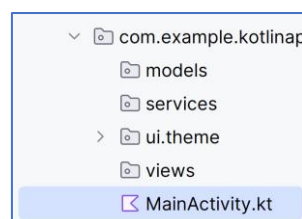


*O **build.gradle.kts (Module)** é onde instalamos as libs.*

SUGESTÃO:

Crie os pacotes (packages):

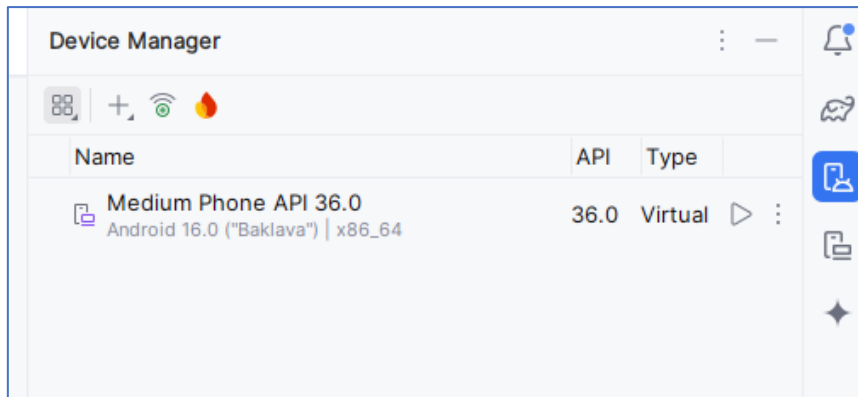
- models (onde você colocará as interfaces e objetos serializáveis)
- services (onde ficarão os serviços que lidam com os dados)
- views (onde se declara as telas do App)



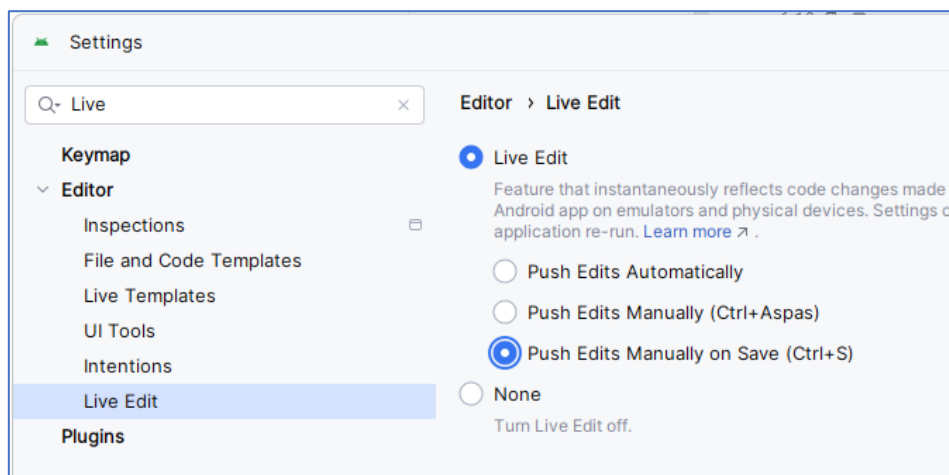
Outra sugestão -> importe e instale as libs usadas nas aulas. (ver aulas nº 41 a 46)

FERRAMENTAS

1 - DEVICE MANAGER (onde você vê os celulares virtuais instalados)



2 - LIVE EDIT = Vá em **settings > Editor > Live Edit**



3 – Lib = Gson, Alterar o **build.gradle**



4 – Lib = Ktor Client, Alterar o **build.gradle**

- ✓  Gradle Scripts
 -  build.gradle.kts (Project: Test)
 -  build.gradle.kts (Module :app)

```
plugins {  
    alias(libs.plugins.android.application)  
    alias(libs.plugins.kotlin.android)  
    alias(libs.plugins.kotlin.compose)  
    kotlin("plugin.serialization") version "1.9.10"  
}
```

```
debugImplementation(libs.androidx.test.manifest)  
implementation("com.google.code.gson:gson:2.10.1")  
implementation("io.ktor:ktor-client-core:3.0.0")  
implementation("io.ktor:ktor-client-android:3.0.0")  
implementation("io.ktor:ktor-client-logging:3.0.0")  
implementation("io.ktor:ktor-client-content-negotiation:3.0.0")  
implementation("io.ktor:ktor-serialization-kotlinx-json:3.0.0")  
implementation("org.slf4j:slf4j-android:1.7.36")  
implementation("org.jetbrains.kotlinx:kotlinx-serialization-json:1.6.3")  
implementation("org.jetbrains.kotlinx:kotlinx-datetime:0.4.0")  
implementation("androidx.lifecycle:lifecycle-runtime-ktx:2.6.2")  
implementation("androidx.activity:activity-compose:1.7.2")  
implementation("org.jetbrains.kotlinx:kotlinx-coroutines-android:1.7.3")  
implementation("androidx.compose.foundation:foundation:1.5.0")  
}
```