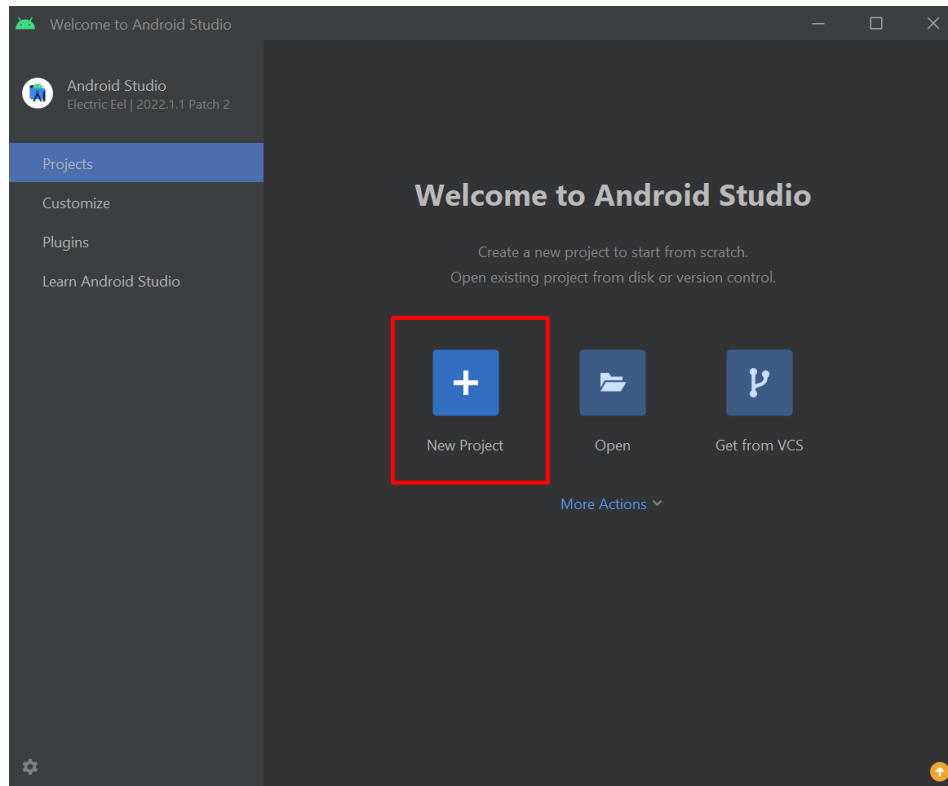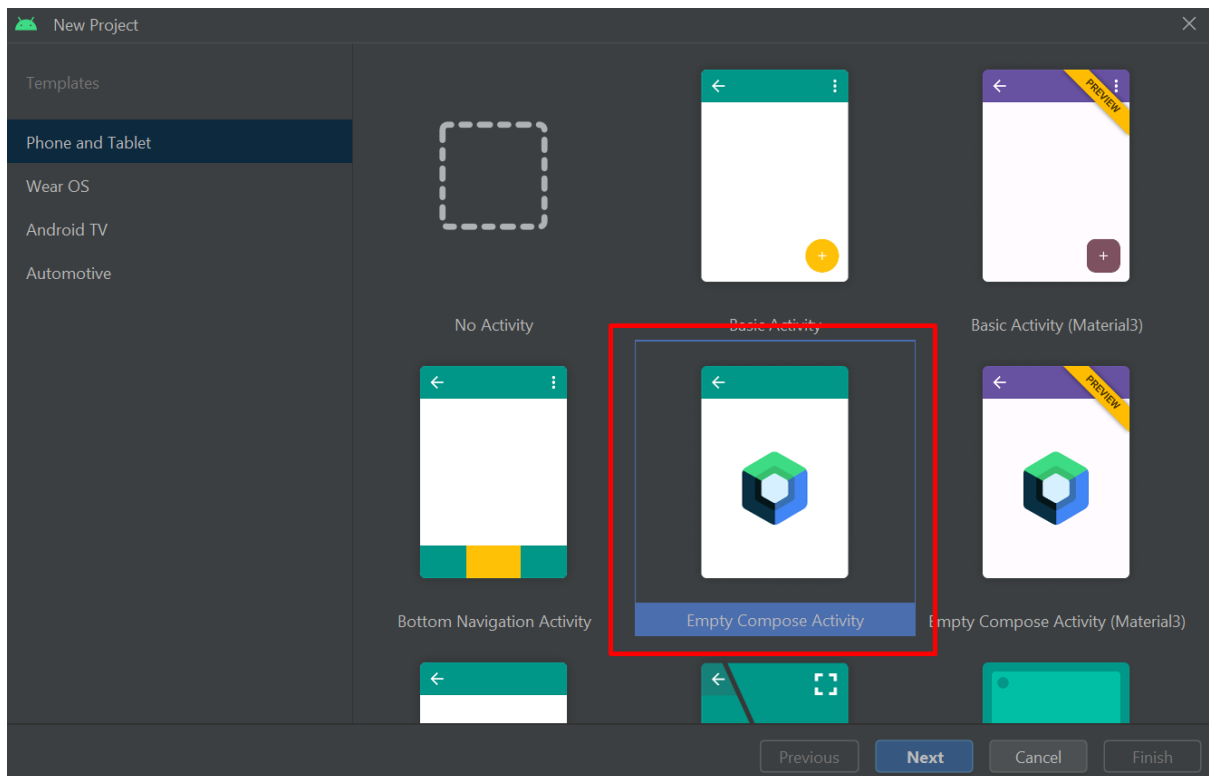# Create a new Roboter application from scratch

Open Android Studio and select **New Project**
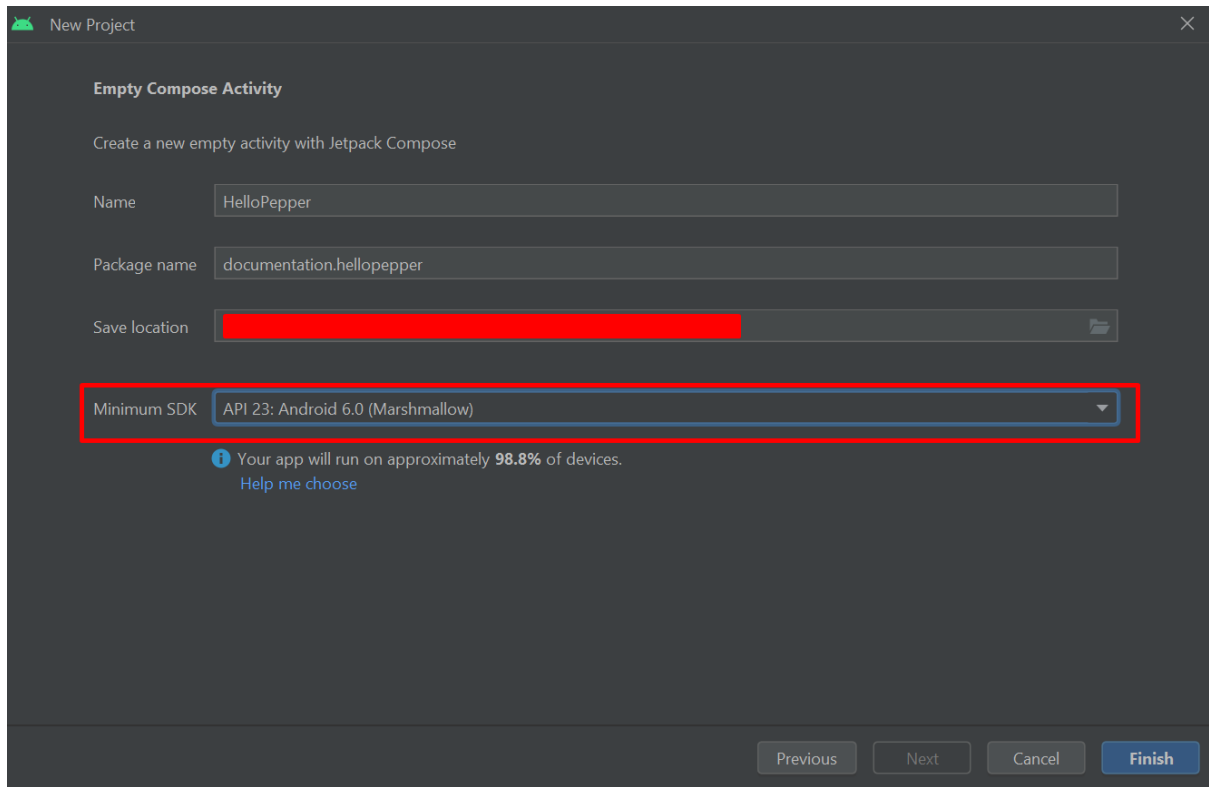

Chose **Empty Compose Activity** then press **Next**
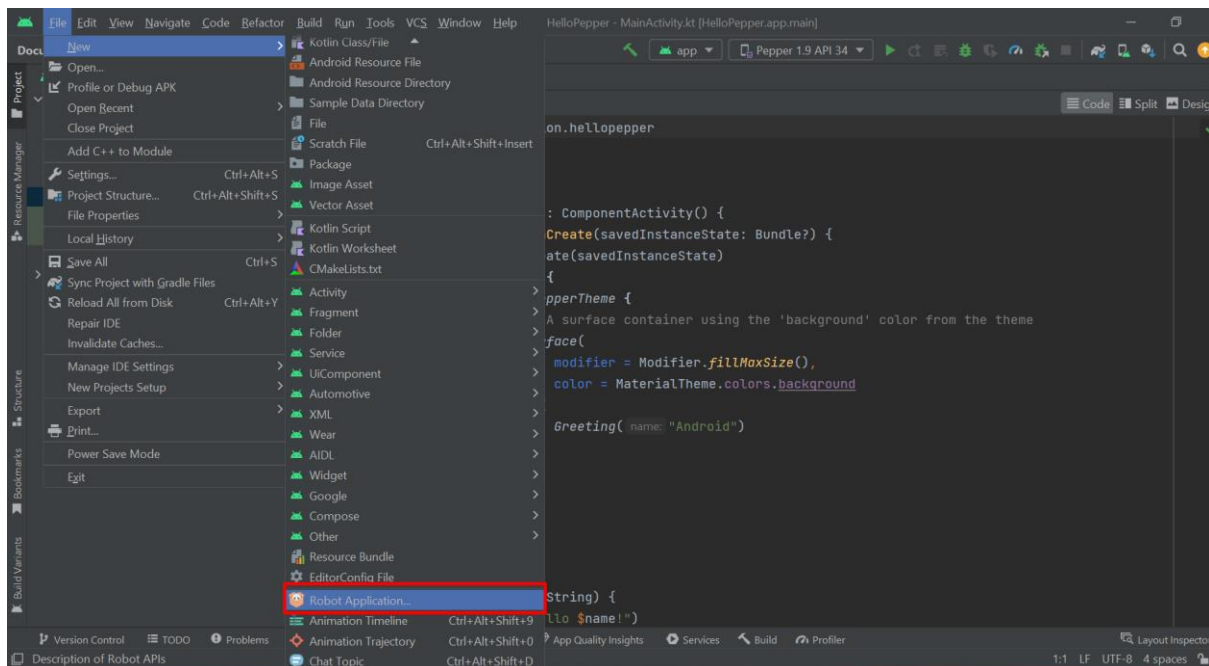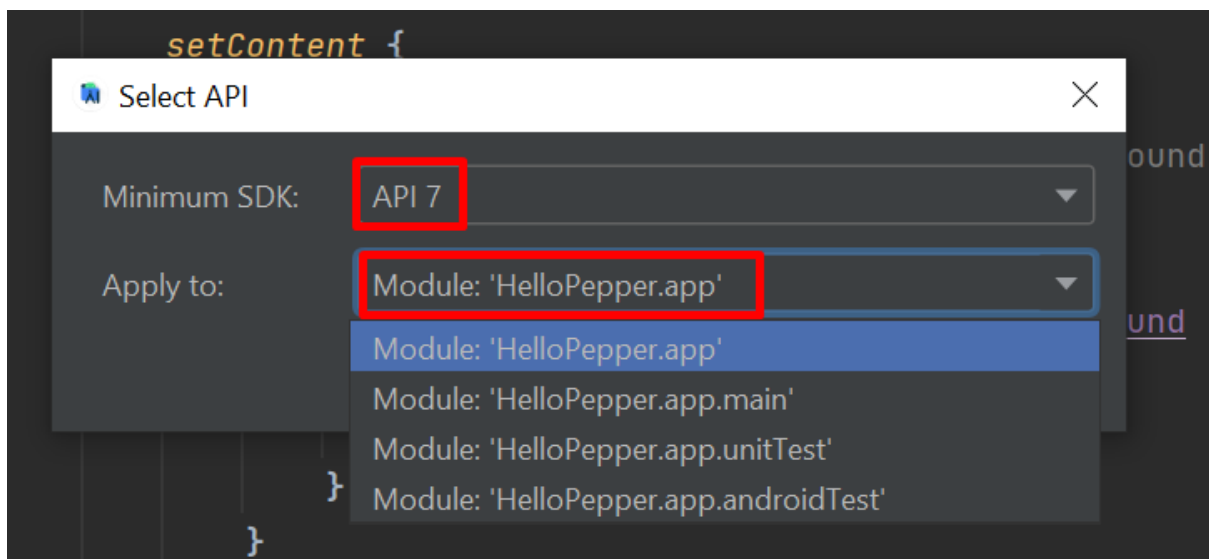
Give your Pepper Application a name and a save location.

IMPORTANT: set Minimum SDK: **API 23: Android 6.0 (Marshmallow)**
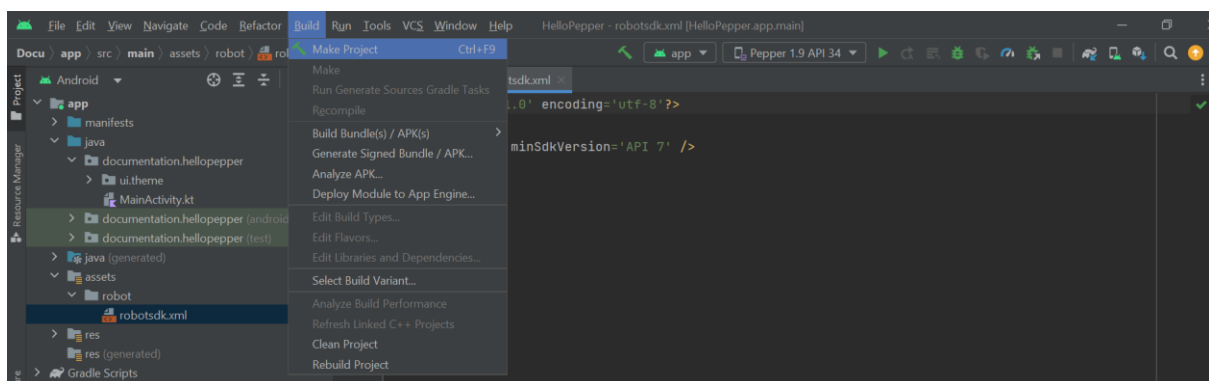

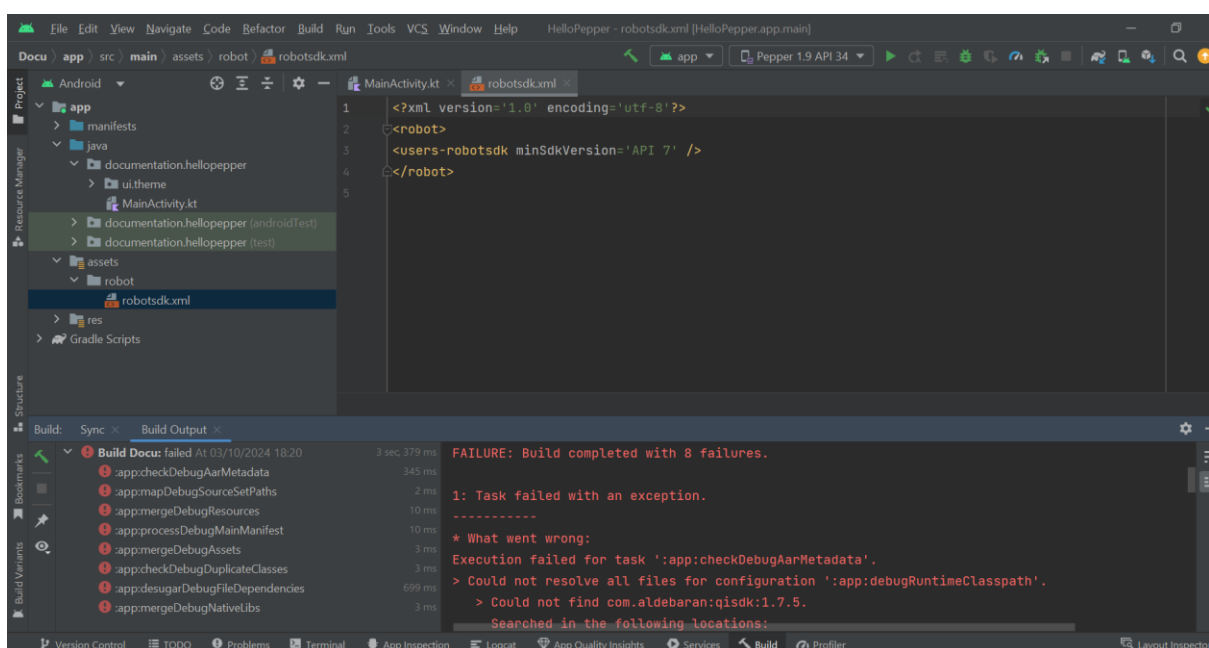Select **File** > **New** > **Robot Application**

Select **API 7** and **Module: 'HelloPepper.app'** then press **OK**

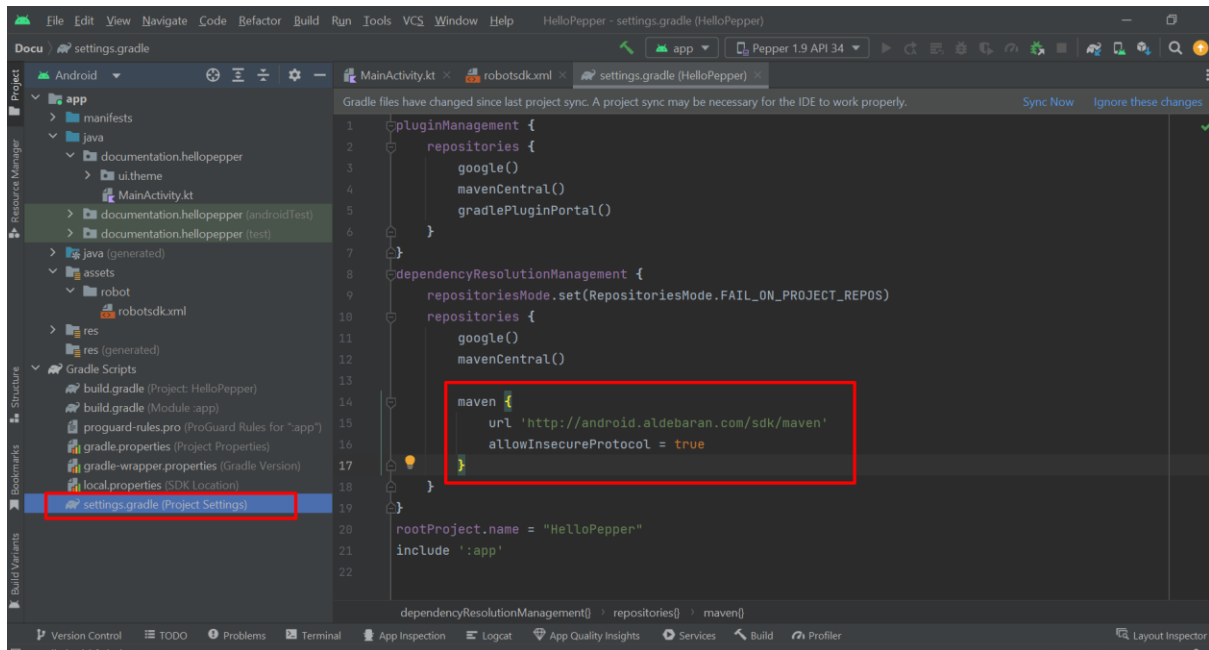Wait for Gradle to build the project then select **Build > Make Project**
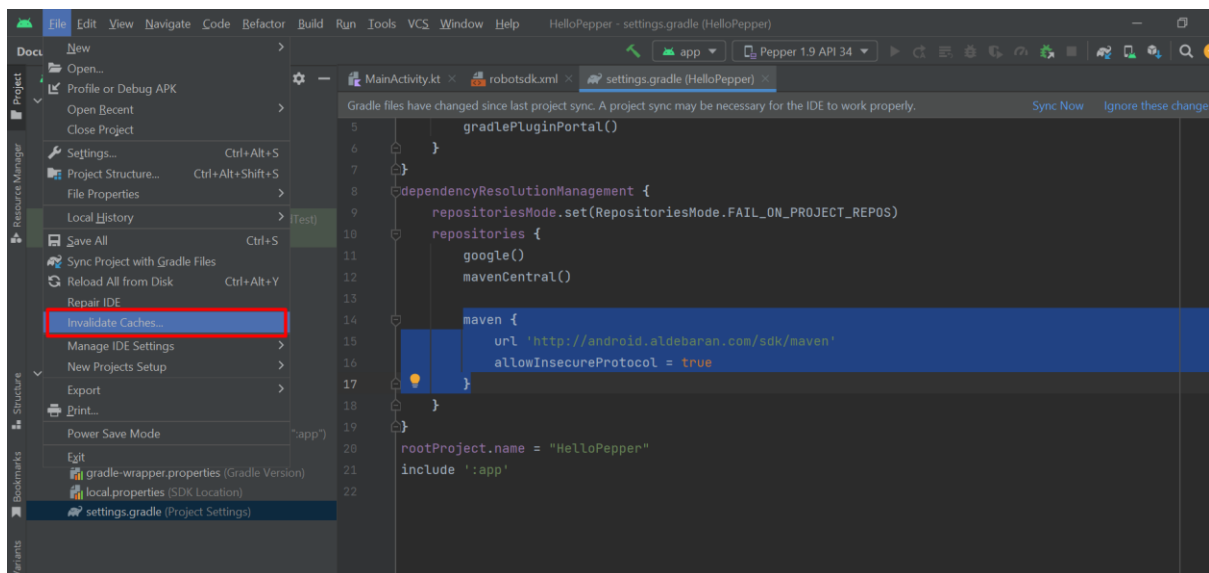

Error will be shown

Open **Gradle Scripts** > **settings.gradle** and enter this code snippet to the file.

```
maven {
    url 'http://android.aldebaran.com/sdk/maven'
    allowInsecureProtocol = true
}
```
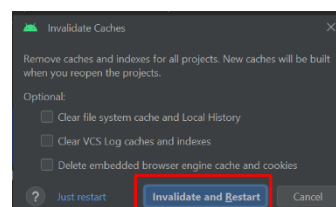
Your file should look like this:

Save everything **CTRL + S** and got to **File** > **Invalidate Caches**
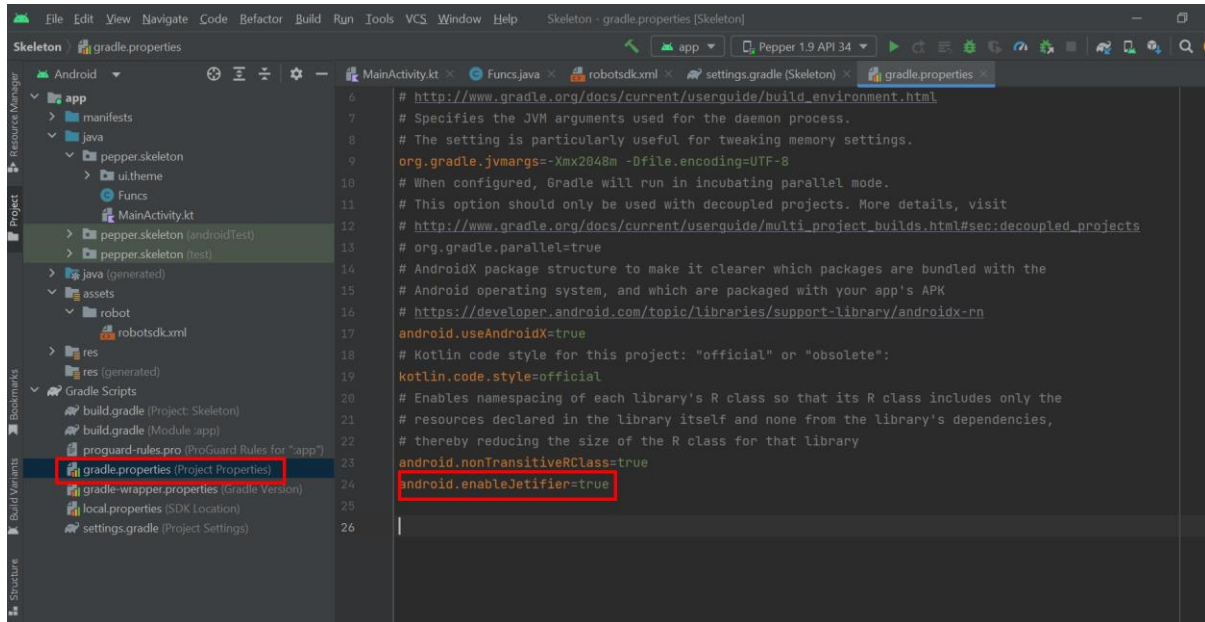

Press Invalidate and Restart:

Android Studio opens itself open

Under **Gradle Scripts** > **gradle.properties** add this following code snippet:

android.enableJetifier=true

Sync + select **Build** > **Make Project**

Your program is empty and doesn't have the required functions, that Pepper needs.

Under **documents** > **MainActivity** copy the code snippet

Follow this link from the official developers from Pepper to learn more about how to code Pepper:

https://qisdk.softbankrobotics.com/sdk/doc/pepper-sdk/ch1_gettingstarted/hello_human_tutorial.html

Hints: Downloading the Pepper SDK has enabled a Emulator for Pepper and made it able to Connect to Pepper (on the same internet using the IP-Adress displayed on Pepper)

For more information follow this link:

https://qisdk.softbankrobotics.com/sdk/doc/pepper-sdk/ch1_gettingstarted/running_application.html