CSM3505 PENGATURCARAAN MUDAH ALIH

LAB 1

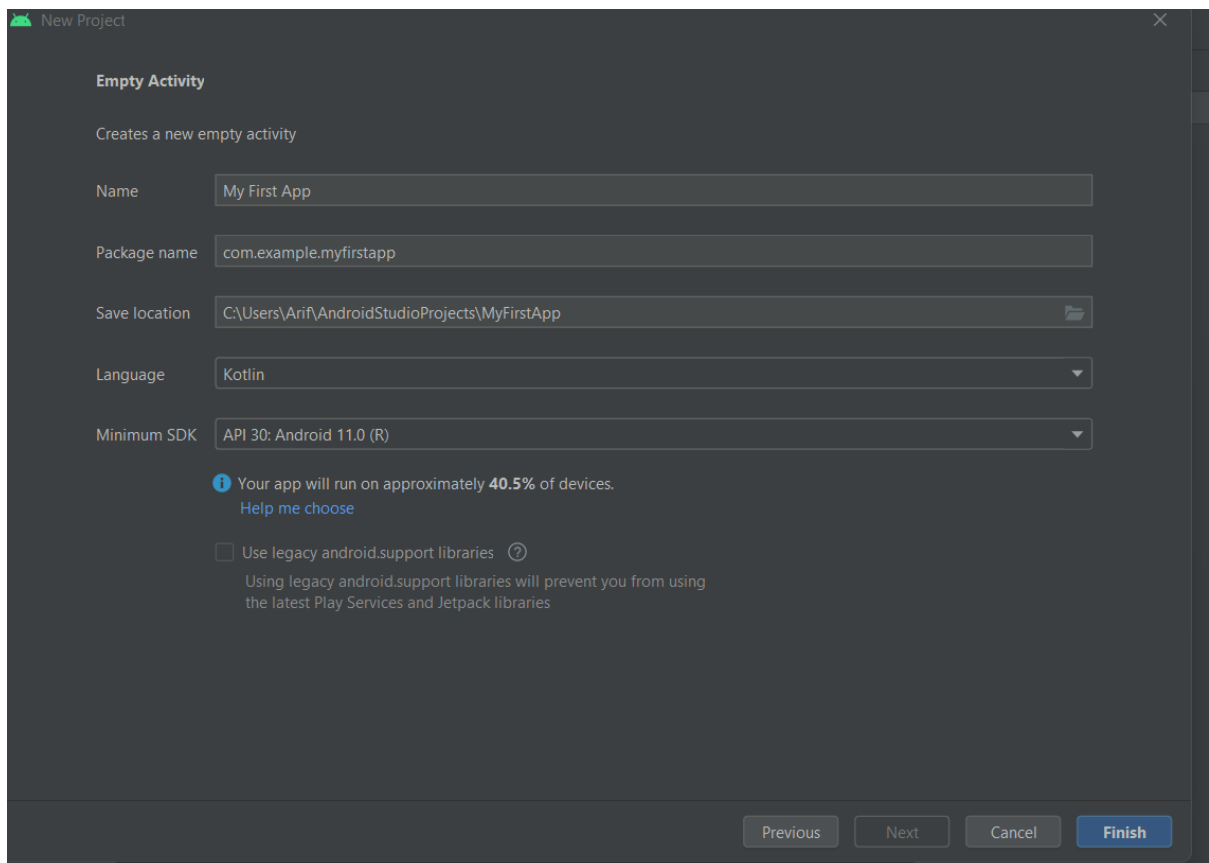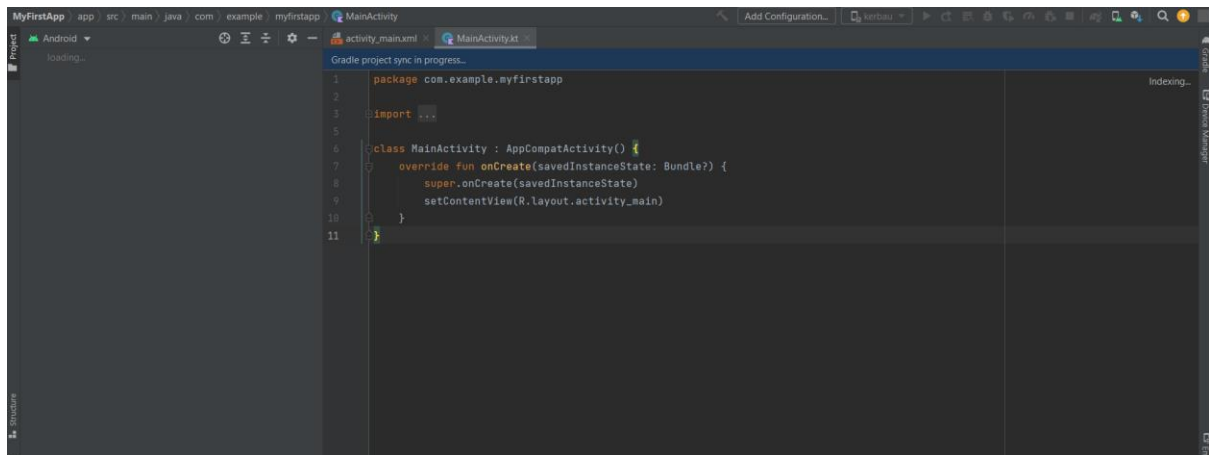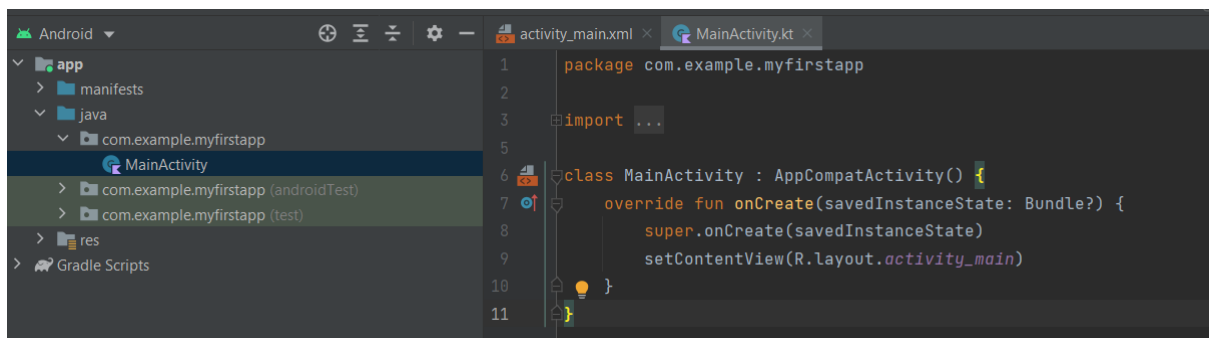| NAME	MUHAMMAD ARIF BIN ADAM
MATRIC	S59991
LAB INSTRUCTOR	DR RABIEI BIN MAMAT

Lab 1

Task 1b: Setup your github
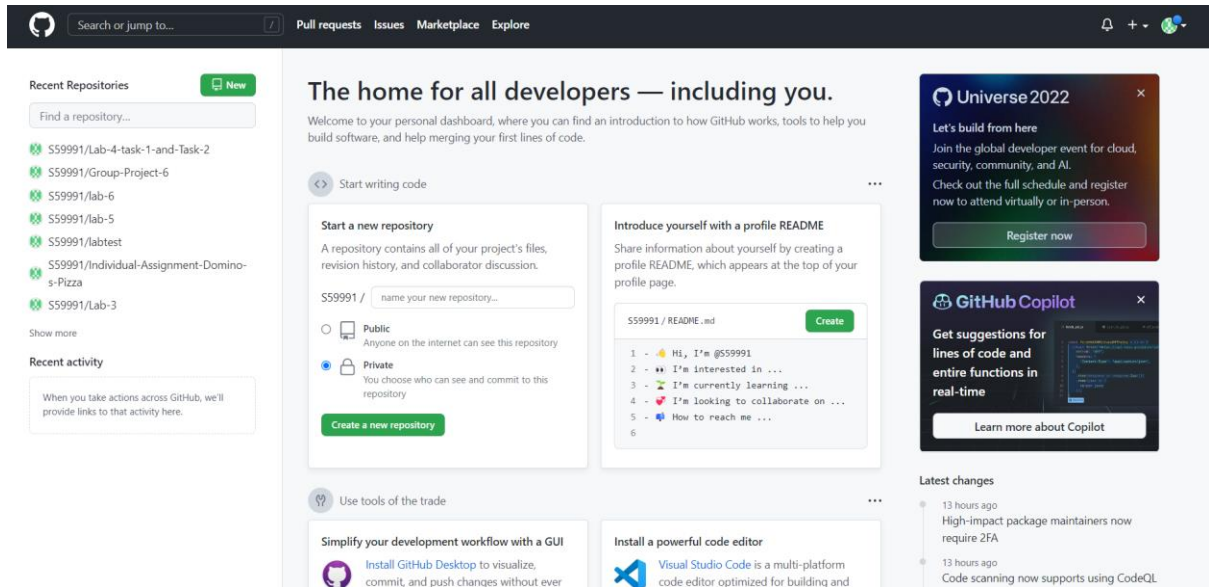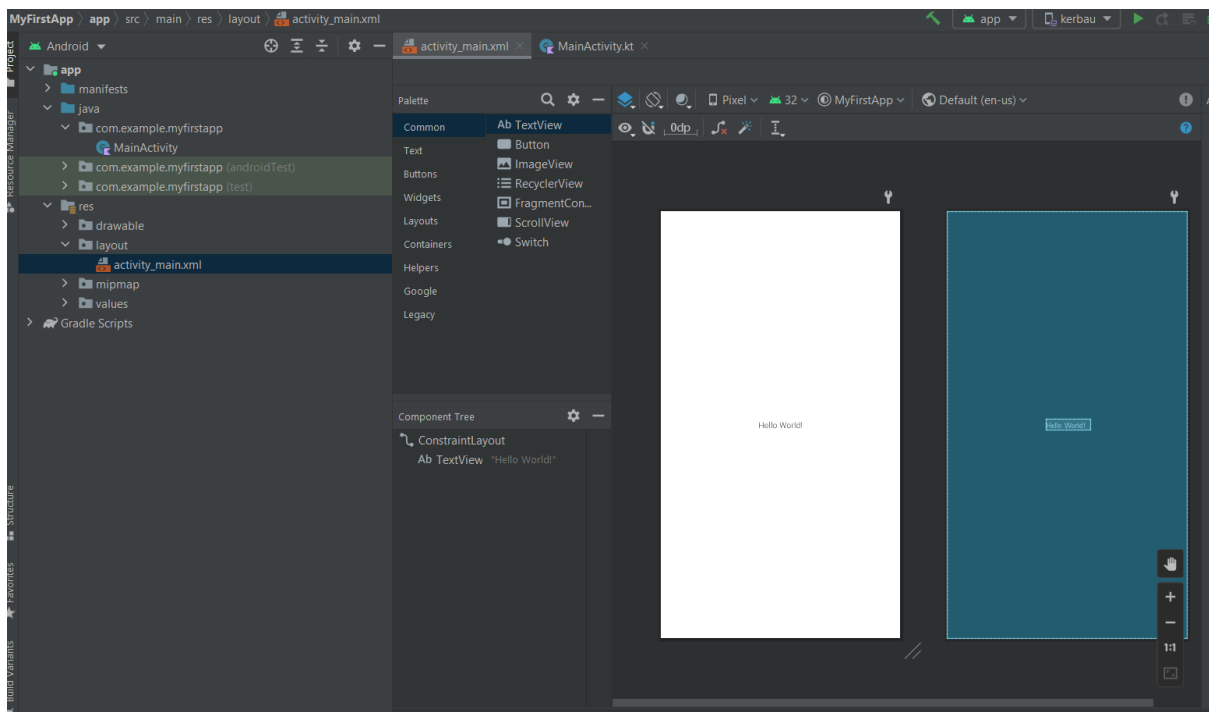
Task 2: Create First Android Studio Project
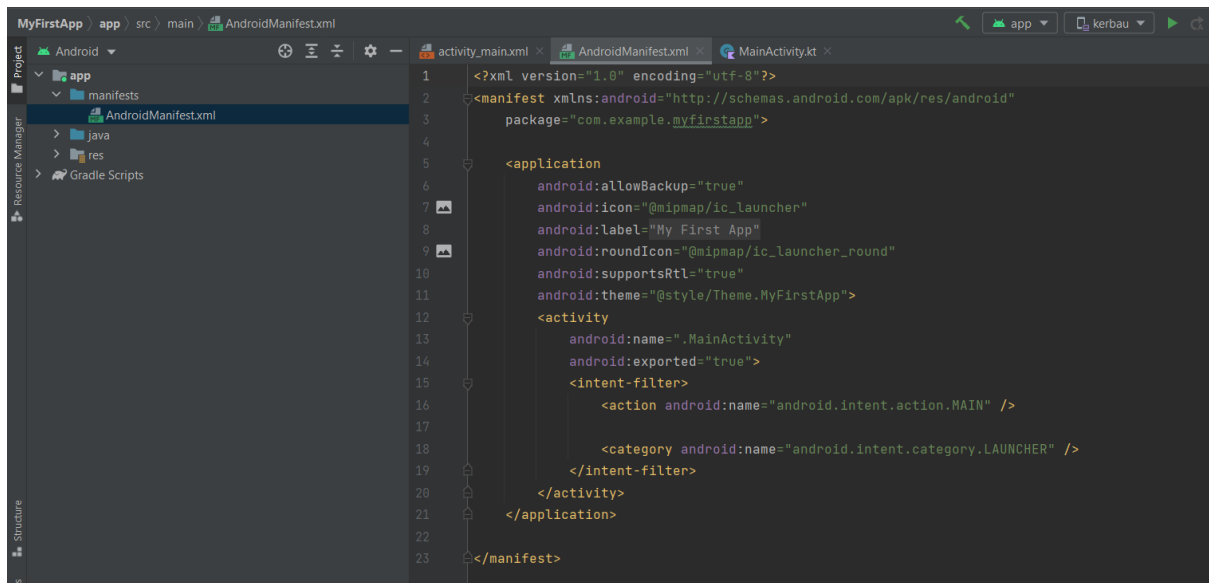
app > java > com.example.myfirstapp > MainActivity

app > res > layout > activity_main.xml

app > manifests > AndroidManifest.xml


```xml
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.example.myfirstapp">

    <application
        android:allowBackup="true"
        android:icon="@mipmap/ic_launcher"
        android:label="My First App"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportsRtl="true"
        android:theme="@style/Theme.MyFirstApp">
        <activity
            android:name=".MainActivity"
            android:exported="true">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />

                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
    </application>

</manifest>
```

Gradle Scripts > build.gradle


```gradle
// Top-level build file where you can add configuration options common to all sub-projects/modules.
plugins {
    id 'com.android.application' version '7.1.2' apply false
    id 'com.android.library' version '7.1.2' apply false
    id 'org.jetbrains.kotlin.android' version '1.6.10' apply false
}

task clean(type: Delete) {
    delete rootProject.buildDir
}
```
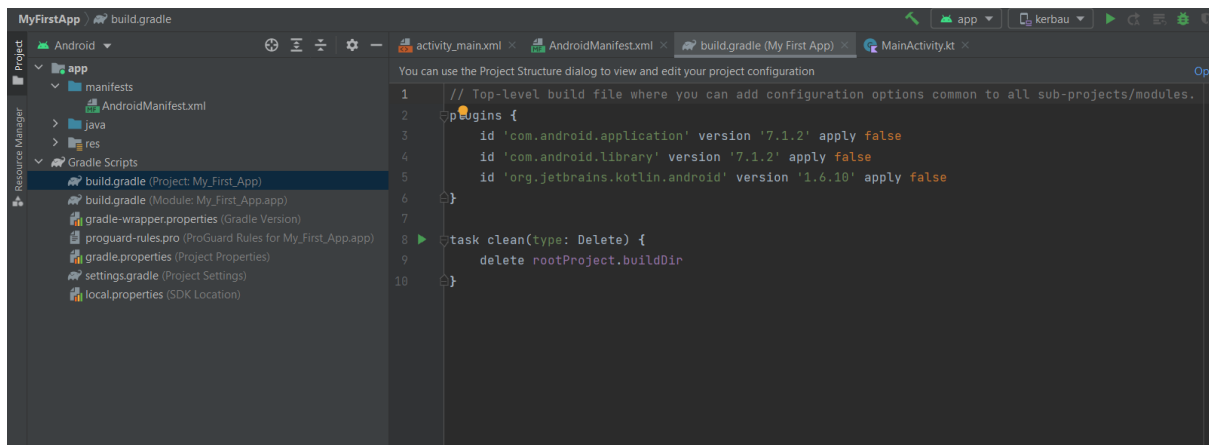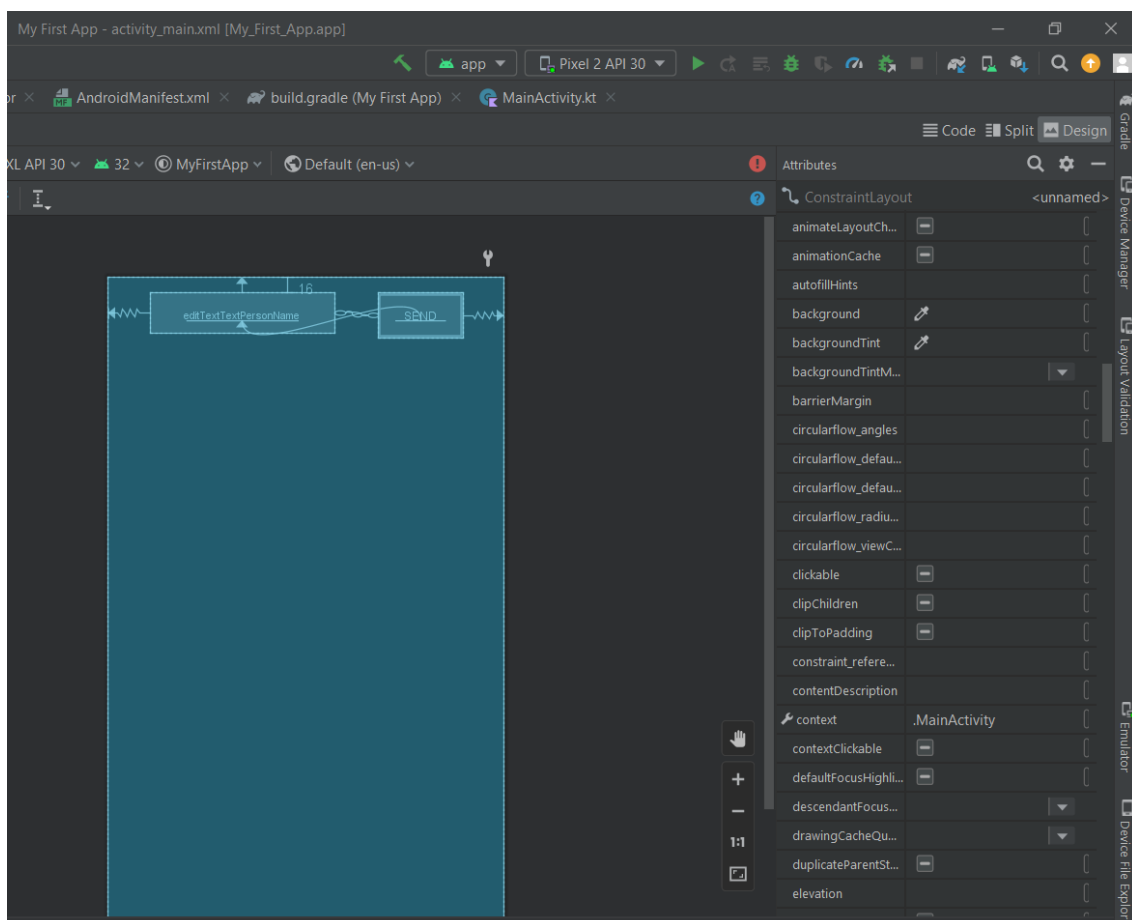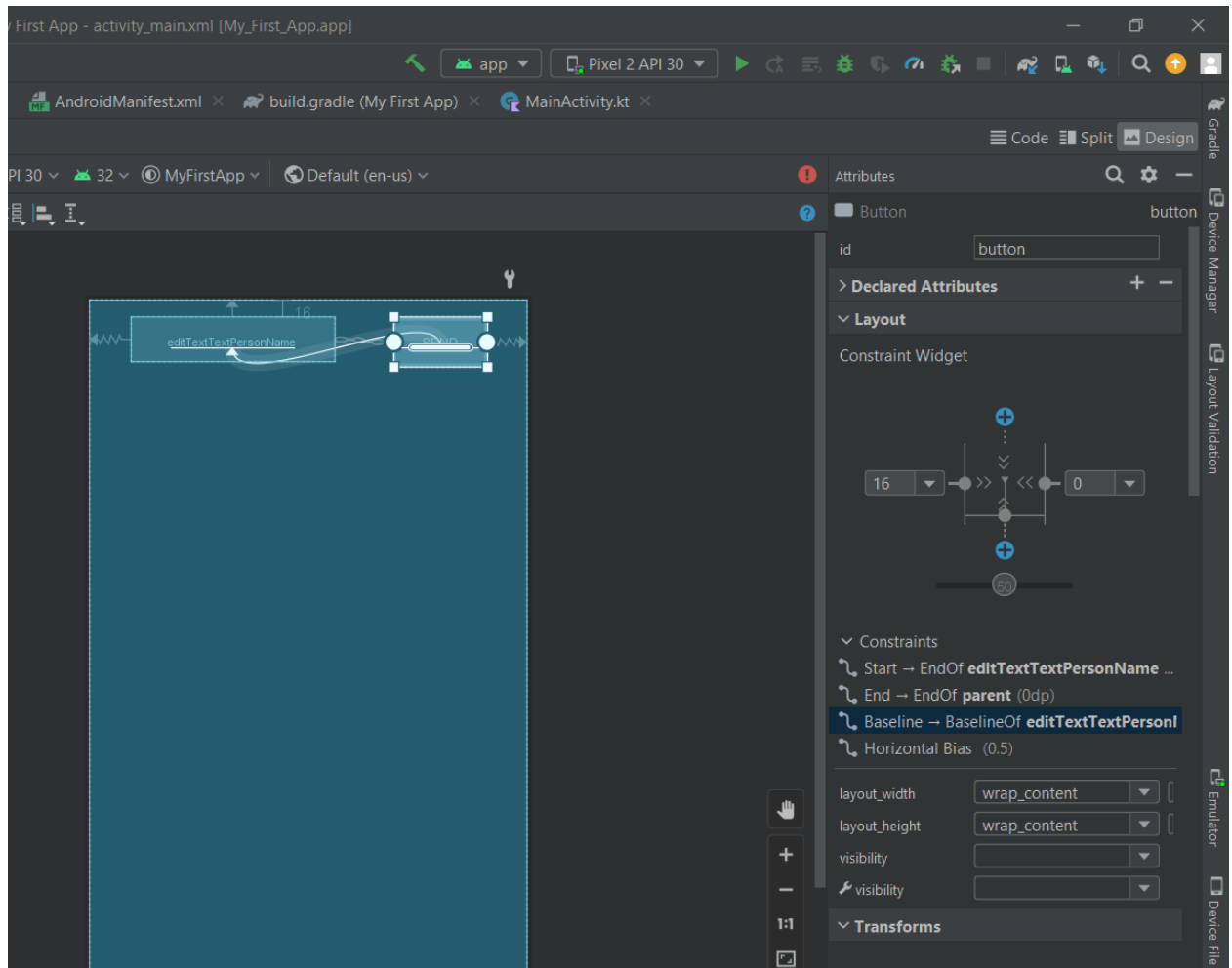
Run on an emulator
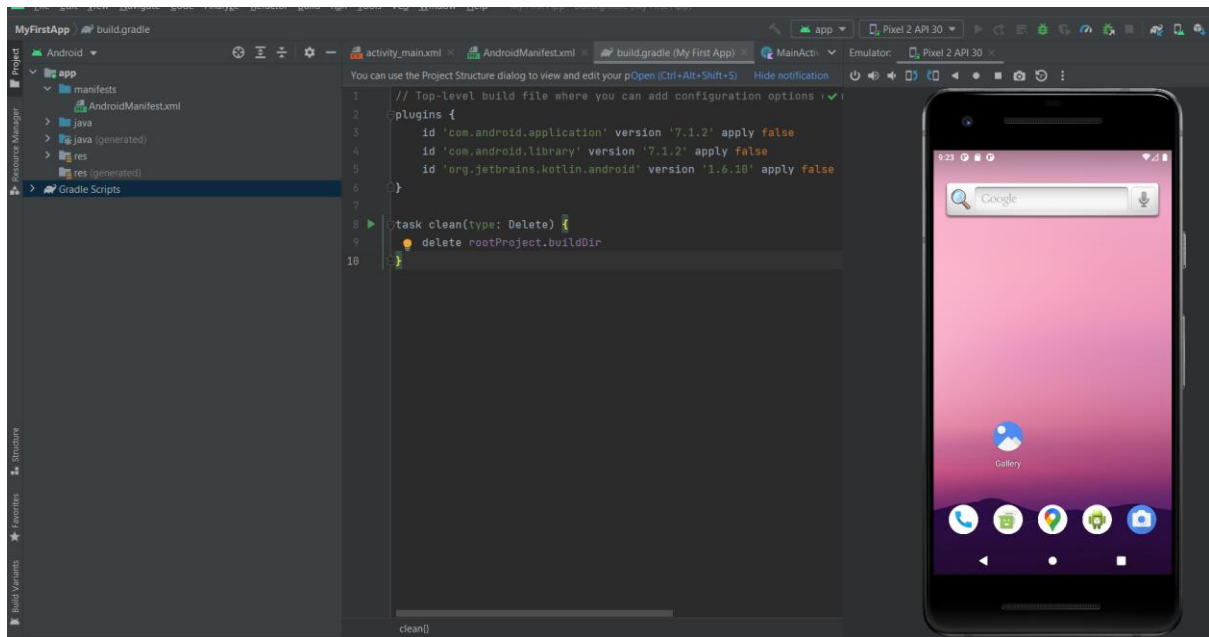
Task 3: Build Simple User Interface

Make the text box size flexible

Select the button and open the Attributes window. Then, use the Constraint Widget to set the right margin to 16 dp.

Now the layout is done. Click Run