# New Project

Templates

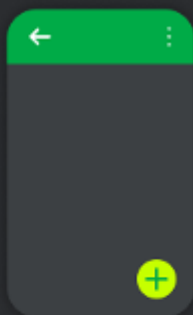**Phone and Tablet**

Wear OS

Television
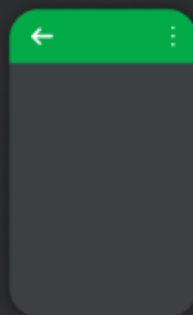
Car

XR

No Activity

Empty Activity

Navigation UI Activity

Basic Views Activity

Empty Views Activity

Responsive Views Activity

Previous | Next | Cancel | Finish

## New Project

**Empty Views Activity**

Creates a new empty activity

| | |
|---|---|
| Name | My Application |
| Package name | com.example.myapplication |
| Save location | C:\Users\Admin\AndroidStudioProjects\MyApplication3 |
| Language | Java |
| Minimum SDK | API 27 ("Oreo"; Android 8.1) |

ⓘ Your app will run on approximately **96.4%** of devices.
Help me choose

| | |
|---|---|
| Build configuration language ⓘ | Kotlin DSL (build.gradle.kts) [Recommended] |

Previous    Next    Cancel    **Finish**

Android

app
  manifests
    AndroidManifest.xml
  java
    com.example.myapplication
    com.example.myapplication (androidTest)
    com.example.myapplication (test)
  res
    drawable
    layout
    mipmap
    values
    xml
  Gradle Scripts
    build.gradle (Project: My_Application)
    build.gradle (Module :app)
    proguard-rules.pro (ProGuard Rules for ":app")
    gradle.properties (Project Properties)
    gradle-wrapper.properties (Gradle Version)
    libs.versions.toml (Version Catalog "libs")
    local.properties (SDK Location)
    settings.gradle (Project Settings)

activity_main.xml    MainActivity.java    build.gradle (My Application)

Gradle files have changed since last project sync. A project sync may be necessary for the IDE to work properly.    Sync Now    Ignore these changes

```
1    // Top-level build file where you can add configuration options common to all sub-projects/modules.
2    plugins {
3        alias(libs.plugins.android.application) apply false
4    }
5
6    allprojects {
7        repositories {
8            google()
9            mavenCentral()
10           maven { url "https://jitpack.io" }
11       }
12   }
13
```

Gradle

My Application
  Tasks
  app

MyApplication2 > build.gradle

10:45    LF    UTF-8    4 spaces
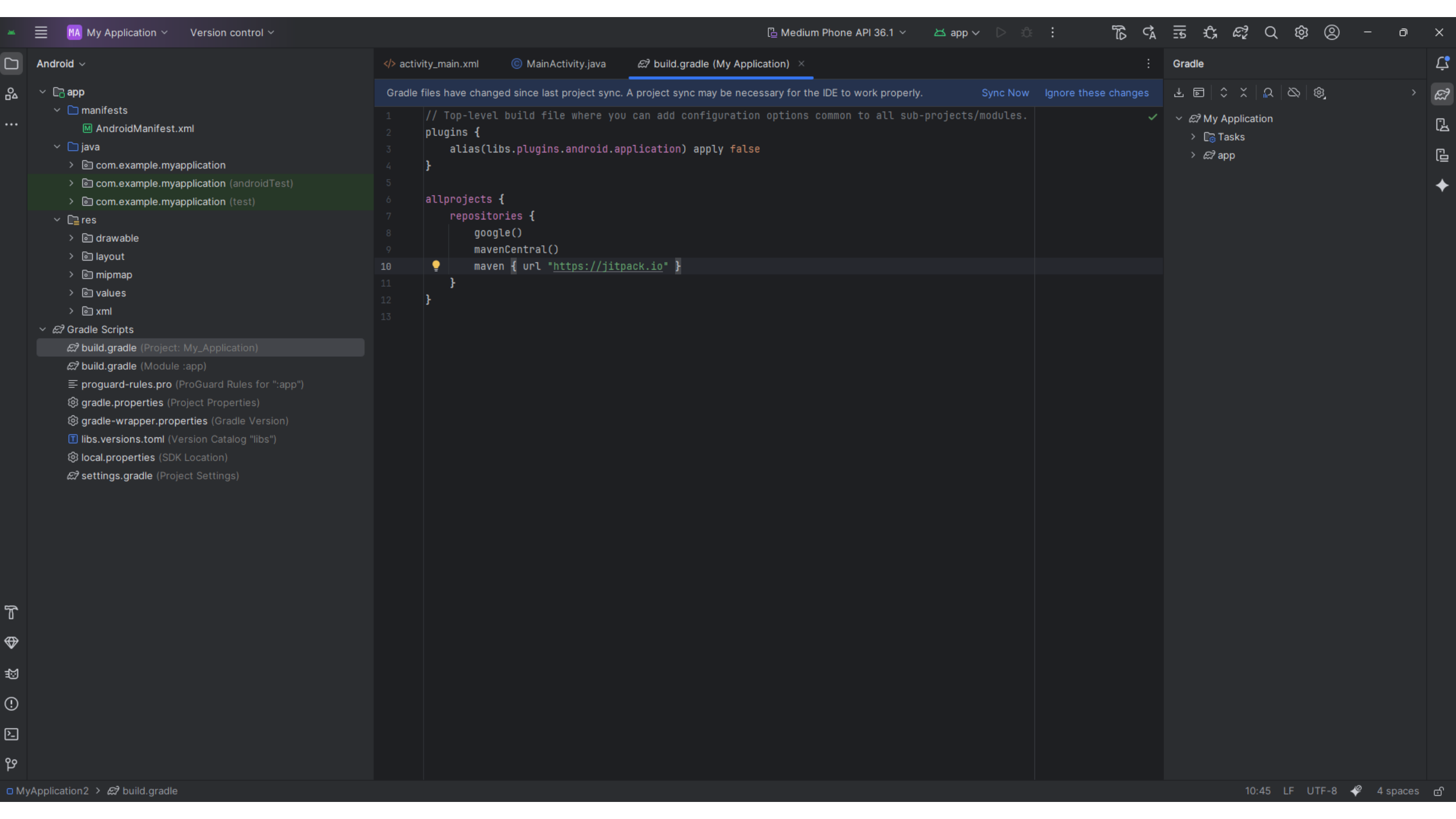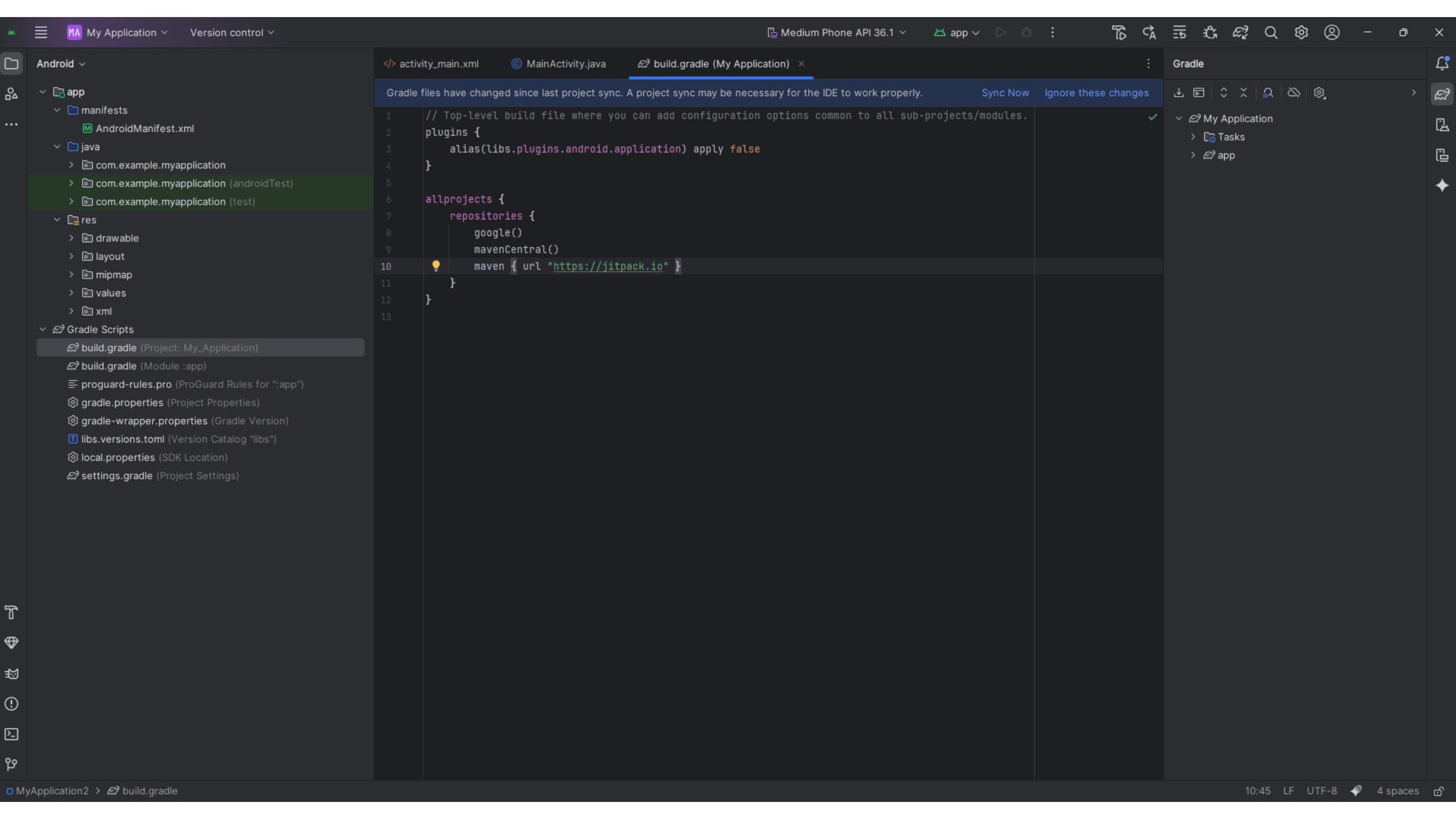
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    libs.versions.toml (Version Catalog "libs")
    local.properties (SDK Location)
    settings.gradle (Project Settings)
```

```
5    android {
8            version = release(36)
9        }
10
11        defaultConfig { DefaultConfig it ->
12            applicationId "com.example.myapplication"
13            minSdk 31
14            targetSdk 36
15            versionCode 1
16            versionName "1.0"
17
18            testInstrumentationRunner "androidx.test.runner.AndroidJUnitRunner"
19        }
20
21        buildTypes { NamedDomainObjectContainer<BuildType> it ->
22            release {
23                minifyEnabled false
24                proguardFiles getDefaultProguardFile('proguard-android-optimize.txt'), 'proguard-rules.pro'
25            }
26        }
27        compileOptions { CompileOptions it ->
28            sourceCompatibility JavaVersion.VERSION_11
29            targetCompatibility JavaVersion.VERSION_11
30        }
31    }
32
33    dependencies {
34        implementation libs.appcompat
35        implementation libs.material
36        implementation libs.activity
37        implementation libs.constraintlayout
38        testImplementation libs.junit
39        androidTestImplementation libs.ext.junit
40        androidTestImplementation libs.espresso.core
41    }
42
43    dependencies {
44        implementation 'com.vuzix:connectivity-sdk:1.1.3'
45    }
```

activity_main.xml ✕    © MainActivity.java    build.gradle (My Application)    build.gradle (:app)    M AndroidManifest.xml

```
app
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    M AndroidManifest.xml
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    gradle.properties (Project Properties)
    gradle-wrapper.properties (Gradle Version)
    libs.versions.toml (Version Catalog "libs")
    local.properties (SDK Location)
    settings.gradle (Project Settings)
```

activity_main.xml ∨    Pixel    36

```
 2      <androidx.constraintlayout.widget.ConstraintLayout xmlns:and ⚠3
18
19
20
21          <Button
22              android:id="@+id/firstButton"
23              android:layout_width="wrap_content"
24              android:layout_height="wrap_content"
25              android:text="Sample Button"
26              app:layout_constraintTop_toTopOf="parent"
27              app:layout_constraintStart_toStartOf="parent"
28              app:layout_constraintEnd_toEndOf="parent"
29              />
30
31          <Button
32              android:id="@+id/secondButton"
33              android:layout_width="wrap_content"
34              android:layout_height="wrap_content"
35              android:text="Second Button"
36              app:layout_constraintTop_toBottomOf="@id/firstButton"
37              app:layout_constraintStart_toStartOf="parent"
38              app:layout_constraintEnd_toEndOf="parent"
39              />
40
41          <Button
42              android:id="@+id/thirdButton"
43              android:layout_width="wrap_content"
44              android:layout_height="wrap_content"
45              android:text="Third Button"
46              app:layout_constraintTop_toBottomOf="@id/secondButton"
47              app:layout_constraintStart_toStartOf="parent"
48              app:layout_constraintEnd_toEndOf="parent"
49              />
50
51      </androidx.constraintlayout.widget.ConstraintLayout>
```

Sample Button
Second Button
Third Button

Hello World!

Button
Button
Button

TextView