



Instituto Politécnico Nacional
ESCOM
“Escuela Superior de Cómputo”



Application Development for Mobile Devices

10/05/2022

Kotlin 1 y 2

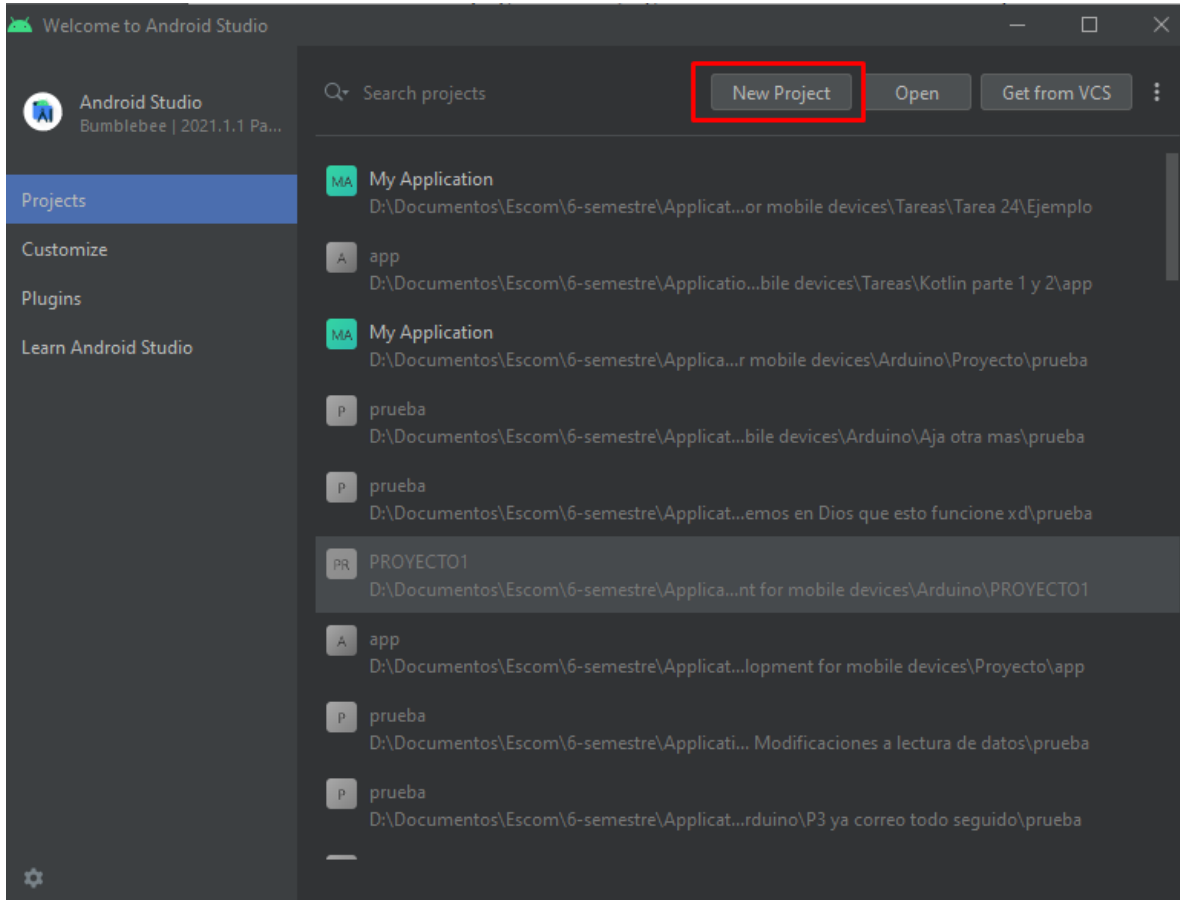
Profesor: Cifuentes Álvarez Alejandro

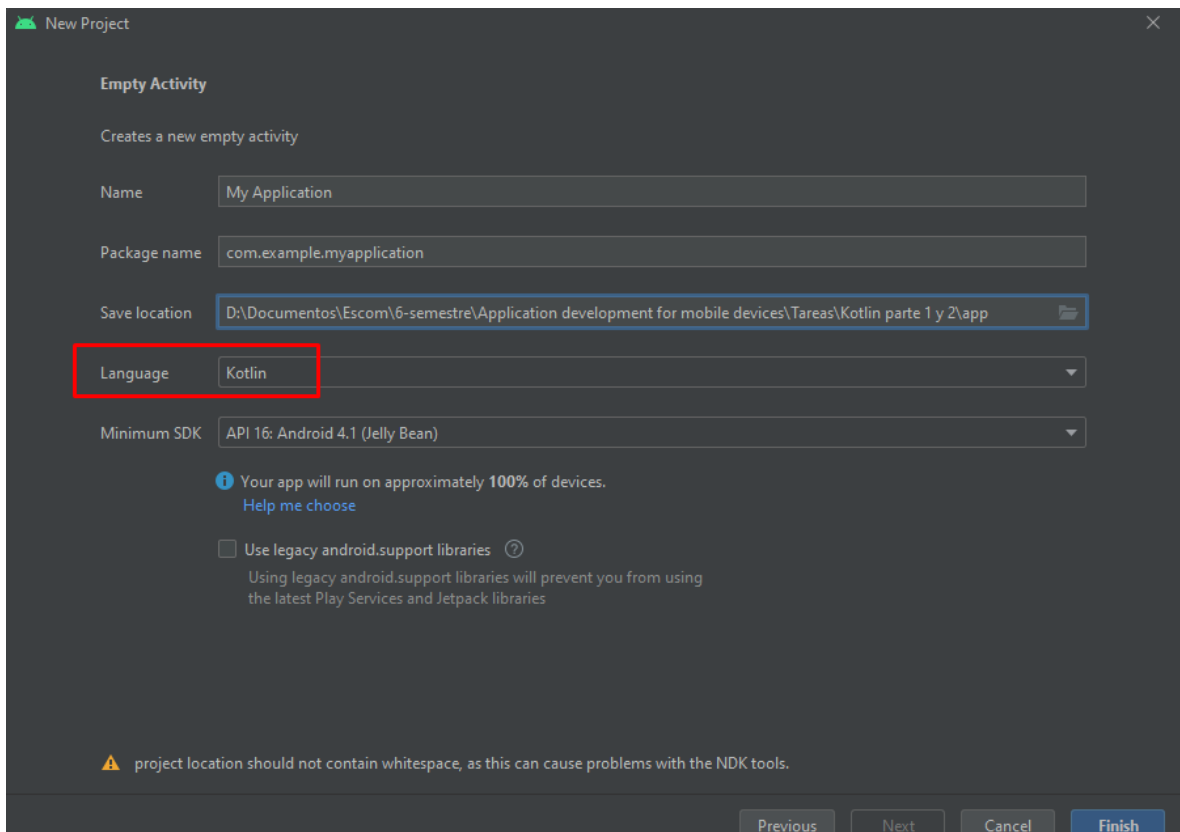
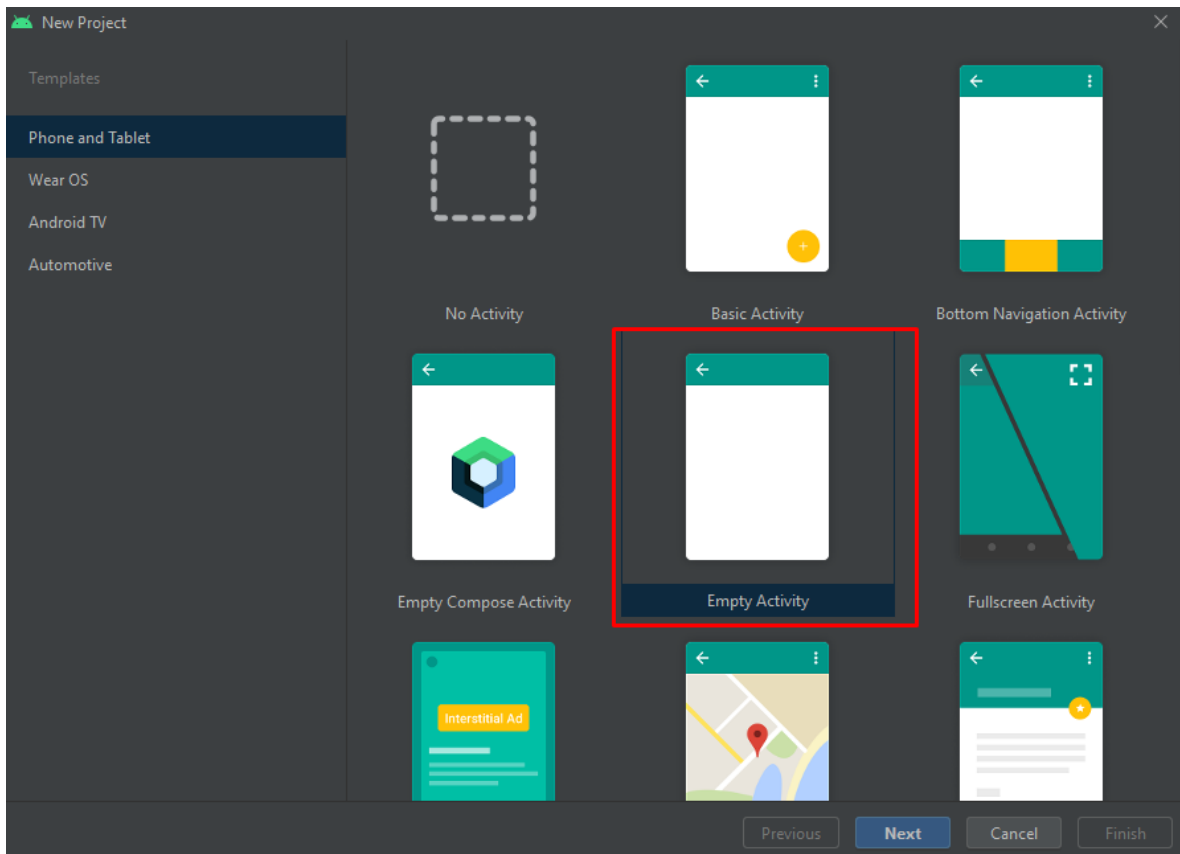
Sigfrido

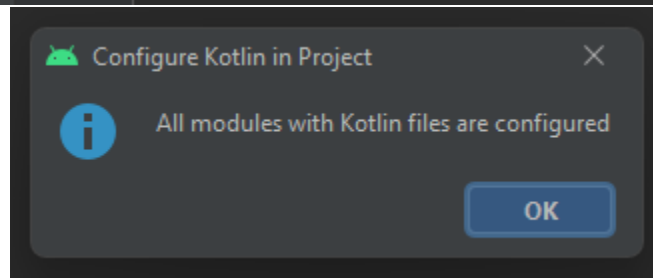
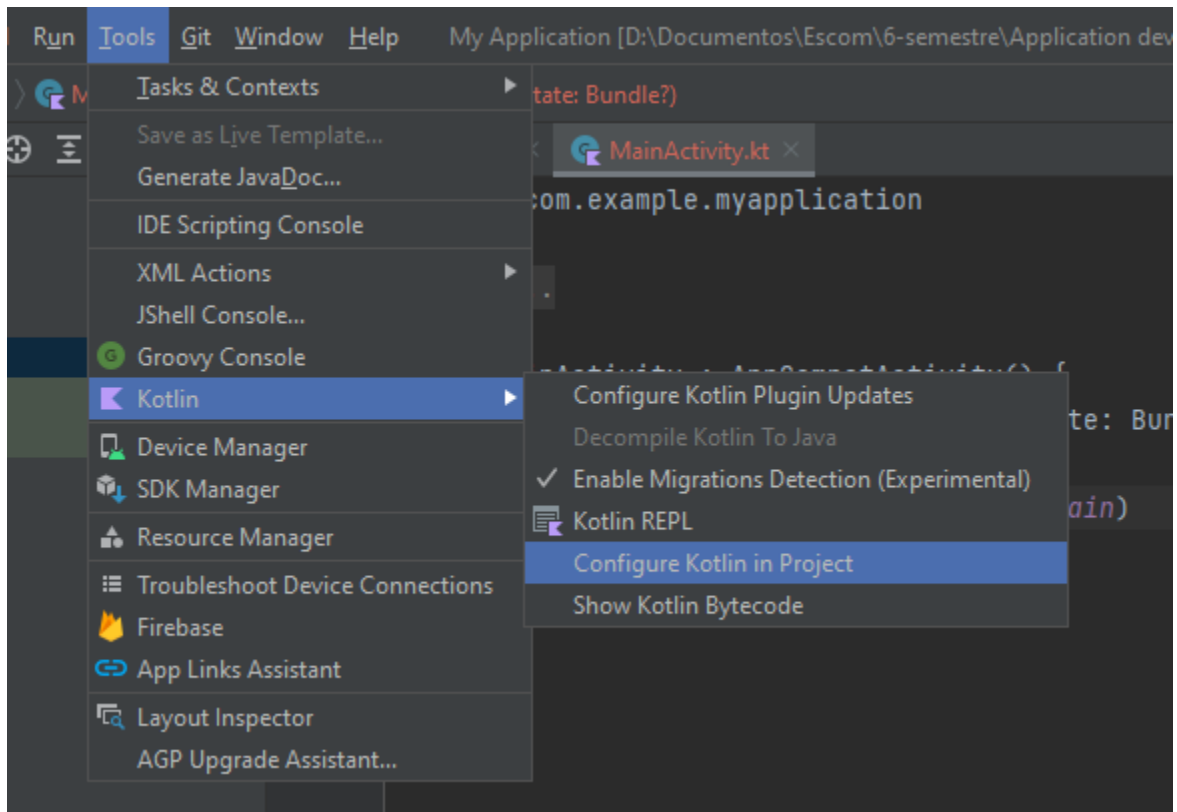
Grupo: 3CM16

Nombre: Santiago Pérez Carlos Augusto

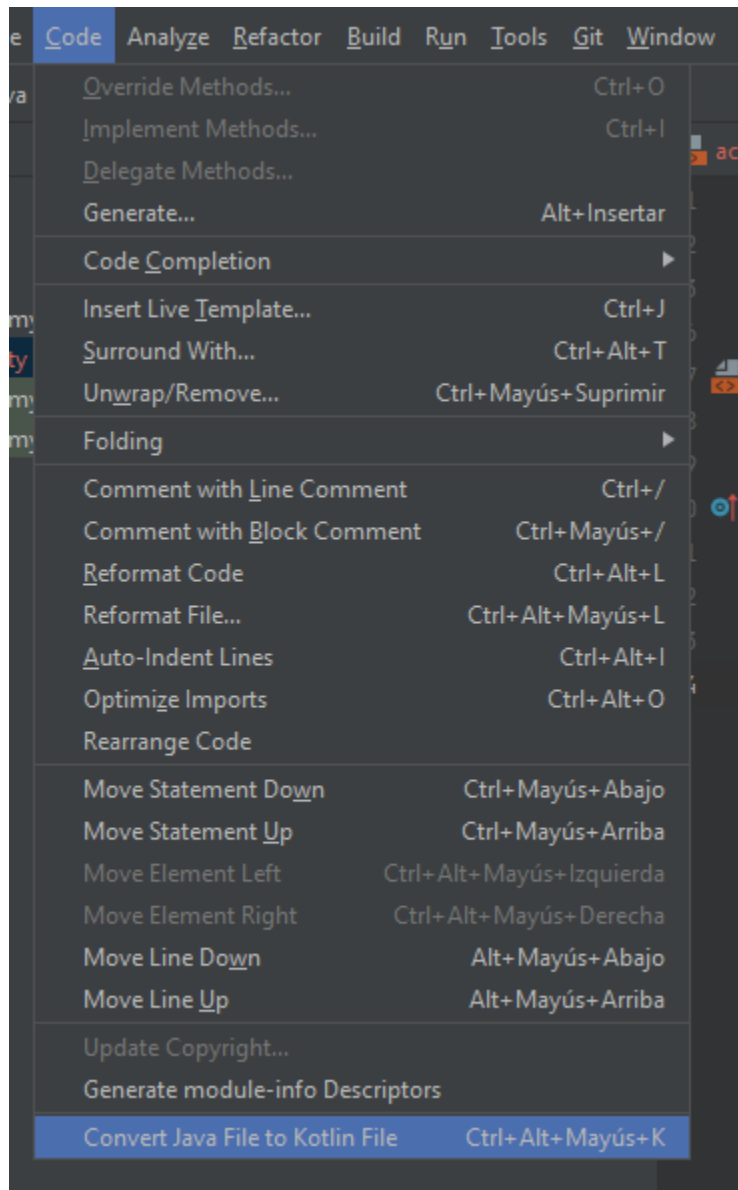
Creación y configuración de aplicación utilizando Kotlin.







Conversión de cualquier archivo Java a Kotlin



En mi caso, se mostraba el siguiente error:

Build was configured to prefer settings repositories over project repositories but repository 'MavenRepo' was added by build file 'app\build.gradle'

Por lo cual borré en el gradle de la app lo siguiente

```

39      implementation "androidx.core:core-ktx:1.3.2"
40      implementation "org.jetbrains.kotlin:kotlin-stdlib-jdk7:1.4.30"
41    }
42    repositories {
43      mavenCentral()
44    }

```

Y lo agregué en settings.gradle de la siguiente forma:

```

pluginManagement { PluginManagementSpec it ->
    repositories { RepositoryHandler it ->
        gradlePluginPortal()
        google()
        mavenCentral()
    }
}

```

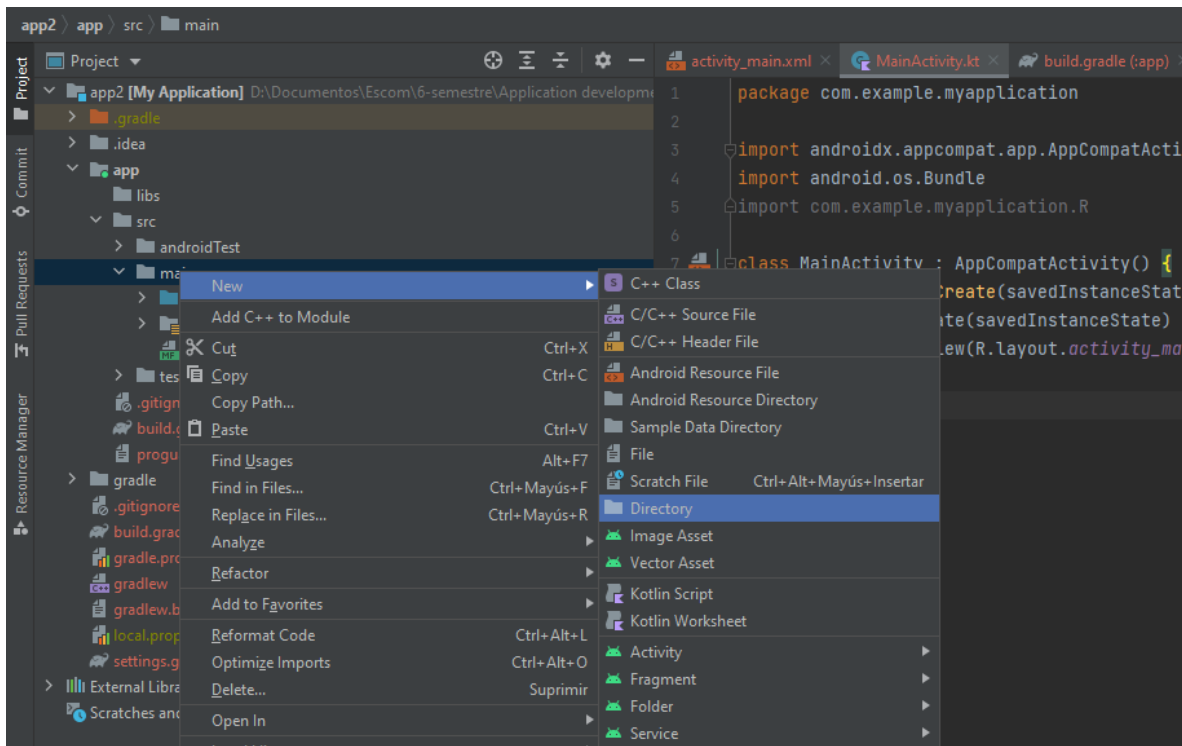
Y solo así pude cambiar el código a Kotlin.

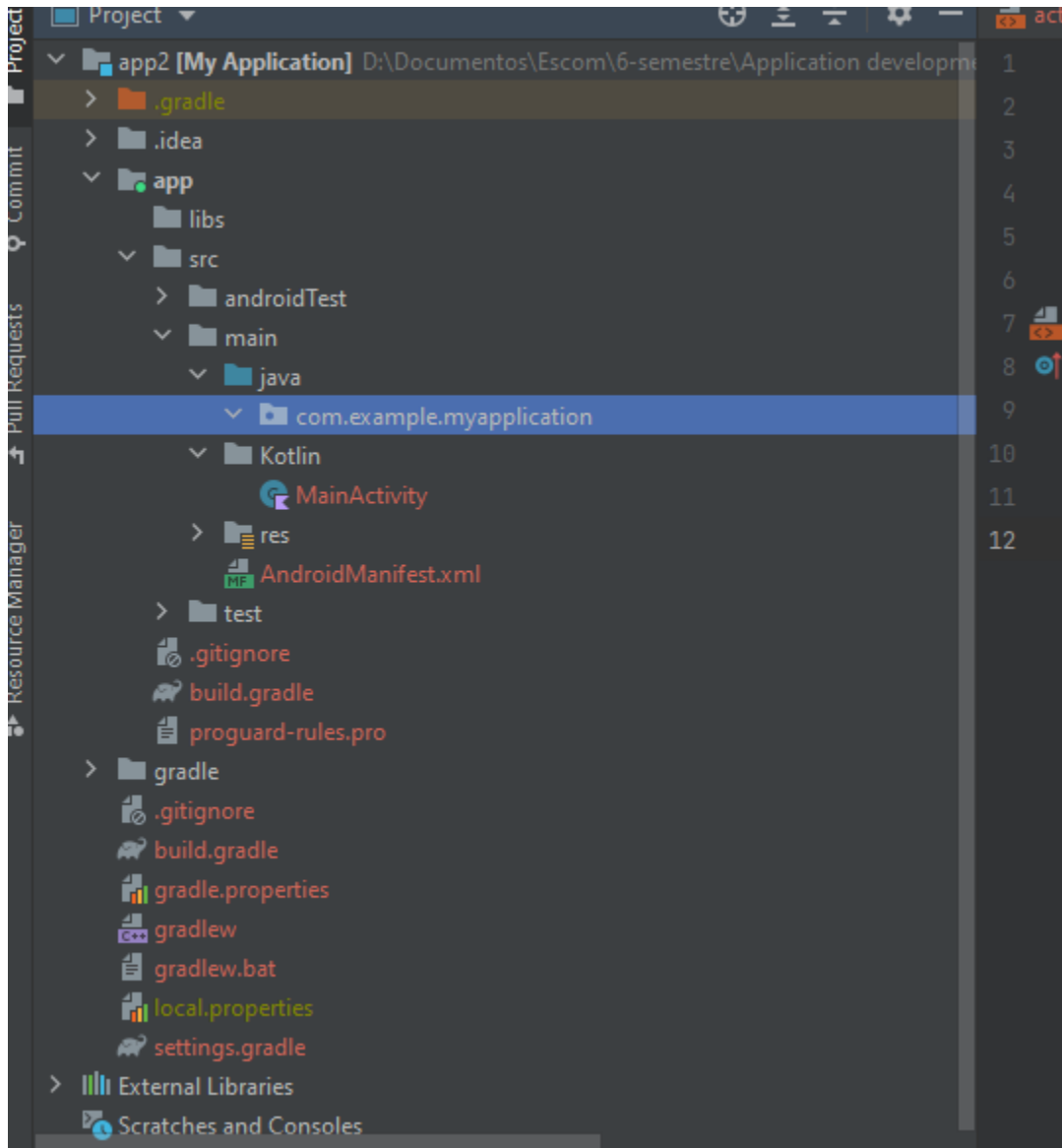
```

activity_main.xml x MainActivity.kt x build.gradle (:app) x settings.gradle (My Application) x build.gradle (My Application) x
1  package com.example.myapplication
2
3  import androidx.appcompat.app.AppCompatActivity
4  import android.os.Bundle
5  import com.example.myapplication.R
6
7  class MainActivity : AppCompatActivity() {
8      override fun onCreate(savedInstanceState: Bundle?) {
9          super.onCreate(savedInstanceState)
10         setContentView(R.layout.activity_main)
11     }
12 }

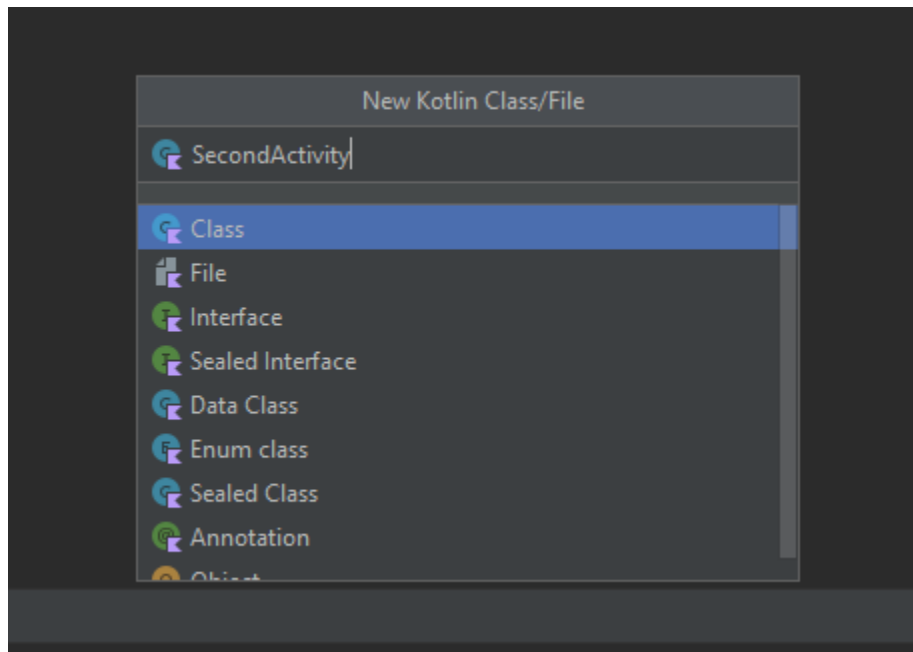
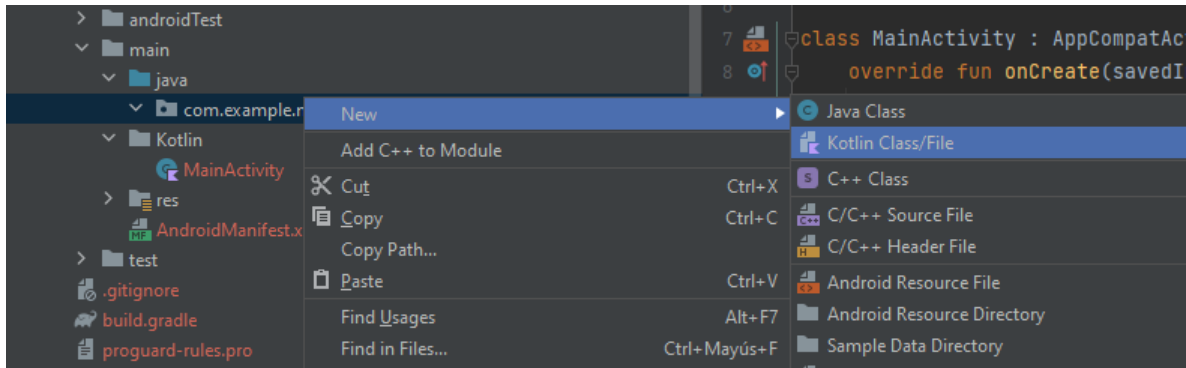
```

Parte IV





Parte V



```

        android:theme="@style/Theme.MyApplication">
        <activity
            android:name=".SecondActivity"
            android:label="@string/second"
            android:parentActivityName=".MainActivity"
            android:exported="true">
            <meta-data
                android:name="android.support.PARENT_ACTIVITY"
                android:value=".MainActivity" />
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />

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

</manifest>

```

```

plugins {
    id 'com.android.application'
    id 'kotlin-android'
    id 'kotlin-android-extensions'
}

```

```

1 package com.example.myapplication
2
3 import android.os.Bundle
4 import androidx.appcompat.app.AppCompatActivity
5
6 class MainActivity : AppCompatActivity() {
7     override fun onCreate(savedInstanceState: Bundle?) {
8         setContentView(R.layout.activity_main)
9         myTextView.setText("Hello World")
10
11     }
12 }

```

Unresolved reference: myTextView

Import Alt+Mayús+Intro More actions... Alt+Intro

```
1 package com.example.myapplication
2
3 import android.os.Bundle
4 import androidx.appcompat.app.AppCompatActivity
5 import kotlinx.android.synthetic.main.activity_main.*
6
7 class MainActivity : AppCompatActivity() {
8     override fun onCreate(savedInstanceState: Bundle?) {
9         super.onCreate(savedInstanceState)
10        setContentView(R.layout.activity_main)
11        myTextView.setText("Hello World")
12    }
13 }
```