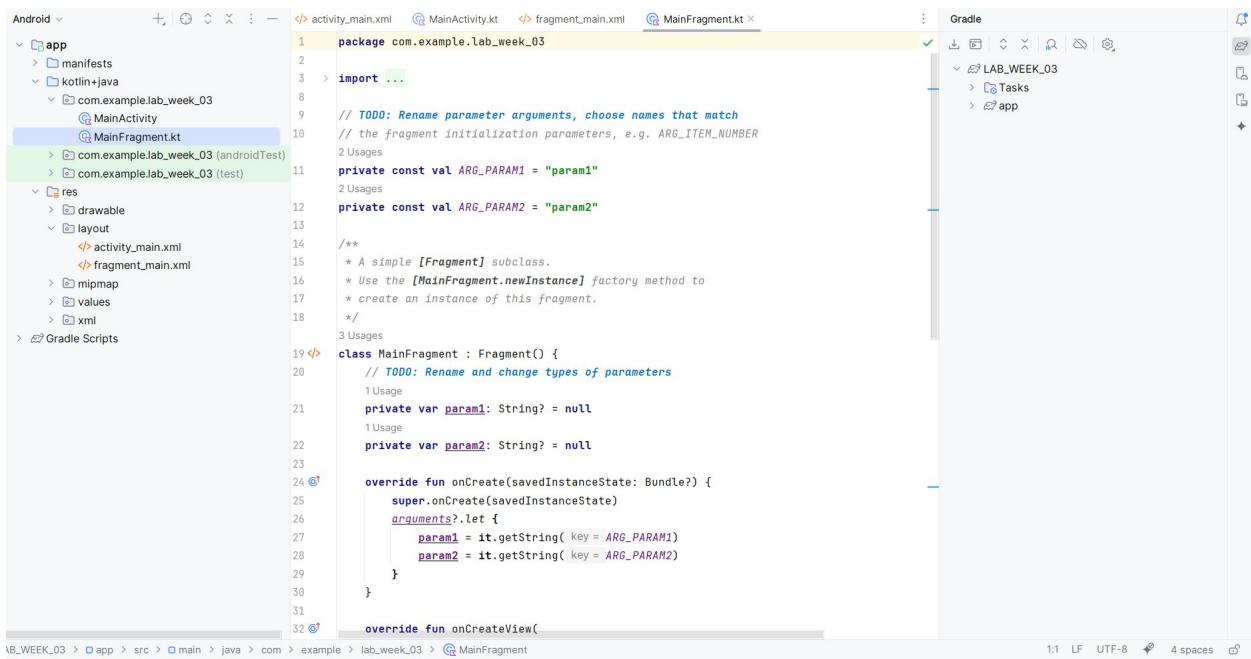


John Isaac Witness 000000 88626

Lab IF570 Week 3

PART 1 – FRAGMENT LIFECYCLE

Setelah buat fragment:



The screenshot shows the Android Studio interface with the MainFragment.kt file open in the code editor. The code defines a Fragment subclass named MainFragment. It includes fields for parameters, a constructor, and overrides for onCreateView and onViewCreated. The code editor has syntax highlighting and code completion suggestions.

```
1 package com.example.lab_week_03
2
3 > import ...
4
5 // TODO: Rename parameter arguments, choose names that match
6 // the fragment initialization parameters, e.g. ARG_ITEM_NUMBER
7
8 private const val ARG_PARAM1 = "param1"
9
10 private const val ARG_PARAM2 = "param2"
11
12 /**
13 * A simple [Fragment] subclass.
14 * Use the [MainFragment.newInstance] factory method to
15 * create an instance of this fragment.
16 */
17
18
19 class MainFragment : Fragment() {
20     // TODO: Rename and change types of parameters
21     private var param1: String? = null
22     private var param2: String? = null
23
24     @Override
25     override fun onCreateView(
26         savedInstanceState: Bundle?
27     ): View? {
28         super.onCreateView(savedInstanceState)
29         arguments?.let {
30             param1 = it.getString(key = ARG_PARAM1)
31             param2 = it.getString(key = ARG_PARAM2)
32         }
33     }
34
35     @Override
36     override fun onViewCreated(
37         view: View,
38         savedInstanceState: Bundle?
39     ) {
40         super.onViewCreated(view, savedInstanceState)
41         // TODO: Update拿了参数之后的视图
42     }
43 }
```

Setelah di link/inflate:

```

<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:id="@+id/main"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".MainActivity"

    <androidx.fragment.app.FragmentContainerView
        android:id="@+id/main_fragment"
        android:name="com.example.lab_week_03.MainFragment"
        android:layout_width="match_parent"
        android:layout_height="match_parent"/>

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Hello World!"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"/>

```

Medium Phone API 36.0 (emulator-5554) Android 16, package:mine

```

2025-09-08 10:54:14.189 2193-2193 HWUI com.example.lab_week_03
2025-09-08 10:54:14.806 2193-2193 Choreographer com.example.lab_week_03
2025-09-08 10:54:16.579 2193-2193 InsetsController com.example.lab_week_03
2025-09-08 10:54:16.584 2193-2193 ImeTracker com.example.lab_week_03
2025-09-08 10:54:16.798 2193-2469 ProfileInstaller com.example.lab_week_03
2025-09-08 10:54:25.490 2193-2199 pле.lab_week_03 com.example.lab_week_03
2025-09-08 10:54:32.930 2193-2201 pле.lab_week_03 com.example.lab_week_03

```

W Unknown dataspace 0
I Skipped 32 frames! The application may be doing too much work on its main thread.
D hide(ime(), fromIme=false)
I com.example.lab_week_03:d9fd079d: onCancelled at PHASE_CLIENT_ALREADY_HIDDEN
D Installing profile for com.example.lab_week_03
I Compiler allocated 5042KB to compile void android.view.ViewRootImpl.performTraversals()
I Background concurrent mark compact
I Install successfully finished in 6 s 141 ms

Setelah dibuat onCreate, onDestroy dll, dan diply, muncul secara berurutan:

```

private const val ARG_PARAM1 = "param1"
private const val ARG_PARAM2 = "param2"

/**
 * A simple [Fragment] subclass.
 * Use the [MainFragment.newInstance] factory method to
 * create an instance of this fragment.
 */
class MainFragment : Fragment() {
}

```

Medium Phone API 36.0 (emulator-5554) Android 16, package:mine

```

2025-09-08 11:14:39.401 5195-5195 DesktopModeFlags com.example.lab_week_03
2025-09-08 11:14:39.491 5195-5195 pле.lab_week_03 com.example.lab_week_03
2025-09-08 11:14:39.613 5195-5195 MainFragment com.example.lab_week_03
2025-09-08 11:14:39.616 5195-5195 MainFragment com.example.lab_week_03
2025-09-08 11:14:39.684 5195-5195 MainActivity com.example.lab_week_03
2025-09-08 11:14:39.689 5195-5195 MainFragment com.example.lab_week_03
2025-09-08 11:14:39.747 5195-5195 MainFragment com.example.lab_week_03
2025-09-08 11:14:39.787 5195-5195 MainActivity com.example.lab_week_03
2025-09-08 11:14:39.814 5195-5195 MainActivity com.example.lab_week_03
2025-09-08 11:14:39.872 5195-5195 HWUI com.example.lab_week_03
2025-09-08 11:14:40.243 5195-5195 InsetsController com.example.lab_week_03
2025-09-08 11:14:40.244 5195-5195 ImeTracker com.example.lab_week_03
2025-09-08 11:14:42.030 5195-5230 pле.lab_week_03 com.example.lab_week_03
2025-09-08 11:14:44.625 5195-5273 ProfileInstaller com.example.lab_week_03
2025-09-08 11:15:01.404 5195-5231 pле.lab_week_03 com.example.lab_week_03

```

D Toggle override initialized to: OVERRIDE_UNSET
D hiddenapi: Accessing hidden method Landroid/view/ViewGroup;->makeOptionalFitsSystemWindows()
D onAttach
D onCreate
D onActivityCreated
D onStart
D onResume
W Unknown dataspace 0
D hide(ime(), fromIme=false)
I com.example.lab_week_03:56f57091: onCancelled at PHASE_CLIENT_ALREADY_HIDDEN
I Compiler allocated 5042KB to compile void android.view.ViewRootImpl.performTraversals()
D Installing profile for com.example.lab_week_03
I Background concurrent mark compact GC freed 2142KB AllocSpace bytes, 0(0B) LOS

Setelah dirotate, muncul secara berurutan:

The screenshot shows the Android Studio interface. The code editor displays the `MainFragment.kt` file:

```

private const val ARG_PARAM1 = "param1"
private const val ARG_PARAM2 = "param2"

/**
 * A simple [Fragment] subclass.
 * Use the [MainFragment.newInstance] factory method to
 * create an instance of this fragment.
 */
class MainFragment : Fragment() {
}

```

The Logcat tab at the bottom shows the following log entries:

```

2025-09-08 11:17:57.253 5195-5195 MainFragment com.example.lab_week_03
2025-09-08 11:17:57.253 5195-5195 MainActivity com.example.lab_week_03
2025-09-08 11:17:57.265 5195-5195 MainFragment com.example.lab_week_03
2025-09-08 11:17:57.271 5195-5195 MainActivity com.example.lab_week_03
2025-09-08 11:17:57.277 5195-5195 WindowOnBackDispatcher com.example.lab_week_03
2025-09-08 11:17:57.279 5195-5195 MainFragment com.example.lab_week_03
2025-09-08 11:17:57.281 5195-5195 MainFragment com.example.lab_week_03
2025-09-08 11:17:57.282 5195-5195 MainFragment com.example.lab_week_03
2025-09-08 11:17:57.297 5195-5195 ViewRootImpl com.example.lab_week_03
2025-09-08 11:17:57.318 5195-5195 ple_lab_week_03 com.example.lab_week_03
2025-09-08 11:17:57.338 5195-5195 MainFragment com.example.lab_week_03
2025-09-08 11:17:57.339 5195-5195 MainFragment com.example.lab_week_03
2025-09-08 11:17:57.356 5195-5195 MainActivity com.example.lab_week_03
2025-09-08 11:17:57.359 5195-5195 MainFragment com.example.lab_week_03
2025-09-08 11:17:57.364 5195-5195 MainFragment com.example.lab_week_03
2025-09-08 11:17:57.371 5195-5195 MainActivity com.example.lab_week_03

```

PART 2 – STATIC FRAGMENTS

Menambahkan detailfragment dan listfragment, serta delete mainfragment:

The screenshot shows the Android Studio interface. The code editor displays the `DetailFragment.kt` file:

```

package com.example.lab_week_03
import ...

// TODO: Rename parameter arguments, choose names that match
// the fragment initialization parameters, e.g. ARG_ITEM_NUMBER
private const val ARG_PARAM1 = "param1"
private const val ARG_PARAM2 = "param2"

/**
 * A simple [Fragment] subclass.
 * Use the [DetailFragment.newInstance] factory method to
 * create an instance of this fragment.
 */
class DetailFragment : Fragment() {
    // TODO: Rename and change types of parameters
    private var param1: String? = null
    private var param2: String? = null

    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        arguments?.let {
            param1 = it.getString(key = ARG_PARAM1)
            param2 = it.getString(key = ARG_PARAM2)
        }
    }
}

```

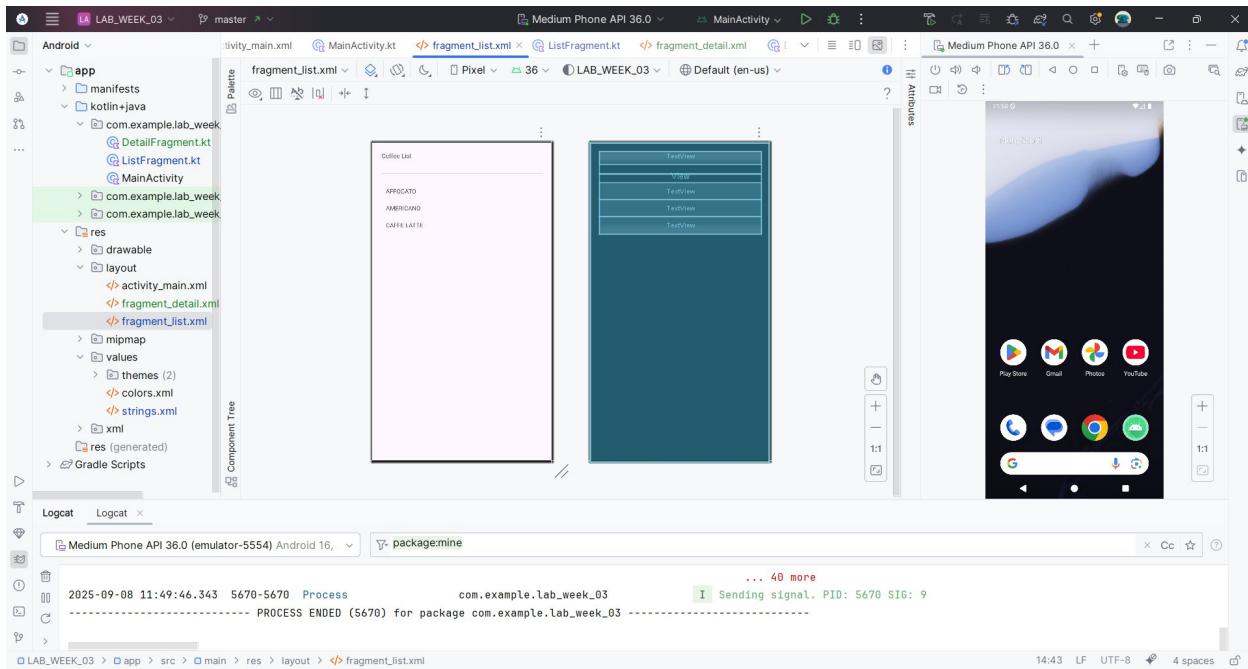
The Logcat tab at the bottom shows the following log entries:

```

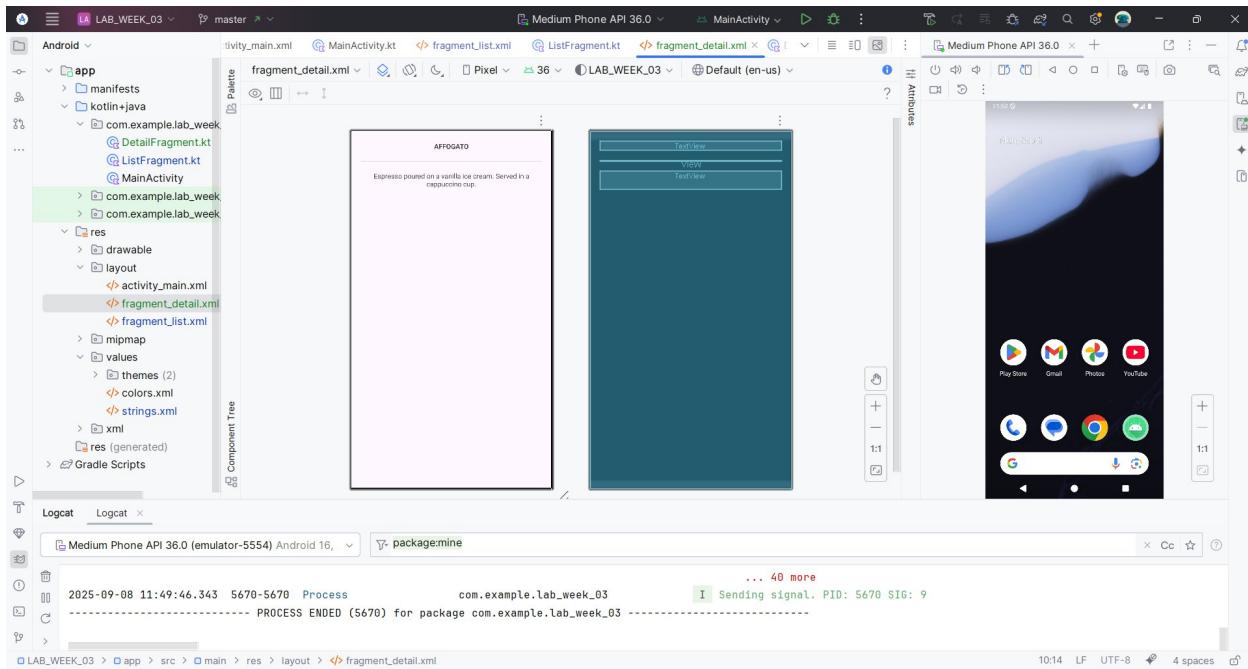
2025-09-08 11:17:57.318 5195-5195 ple_lab_week_03 com.example.lab_week_03
2025-09-08 11:17:57.338 5195-5195 MainFragment com.example.lab_week_03
2025-09-08 11:17:57.339 5195-5195 MainFragment com.example.lab_week_03
2025-09-08 11:17:57.359 5195-5195 MainFragment com.example.lab_week_03

```

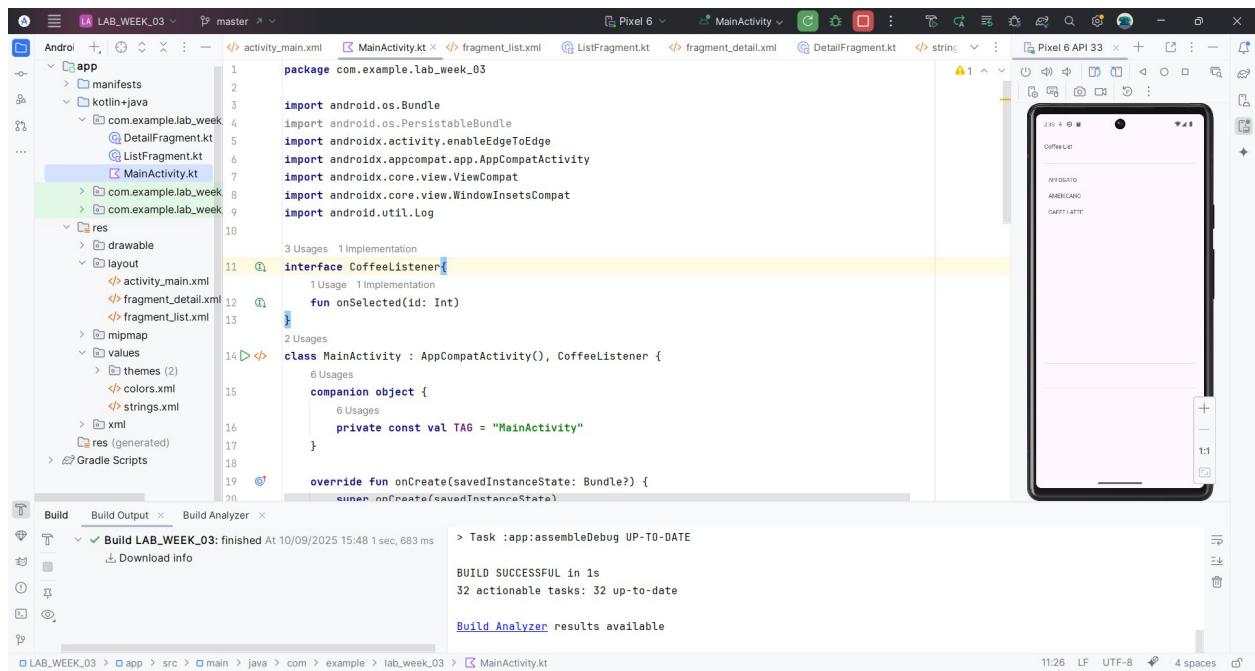
Setelah menambah coding, fragment_list menjadi:



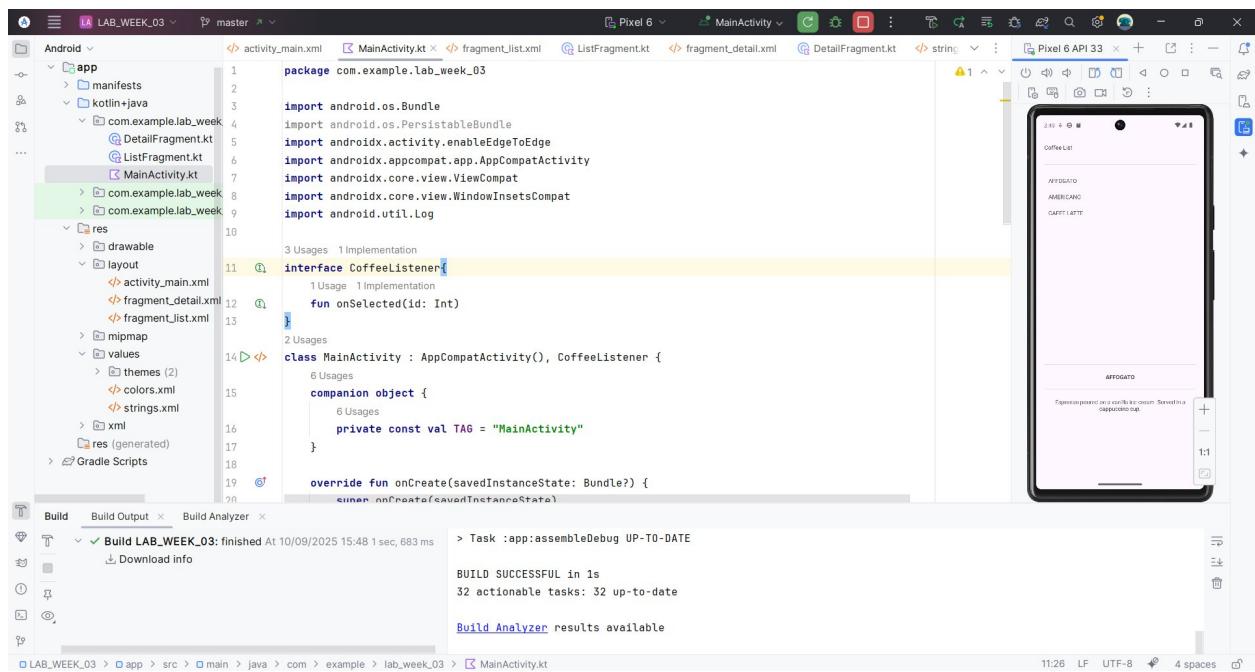
Setelah menambah coding, fragment_detail menjadi:



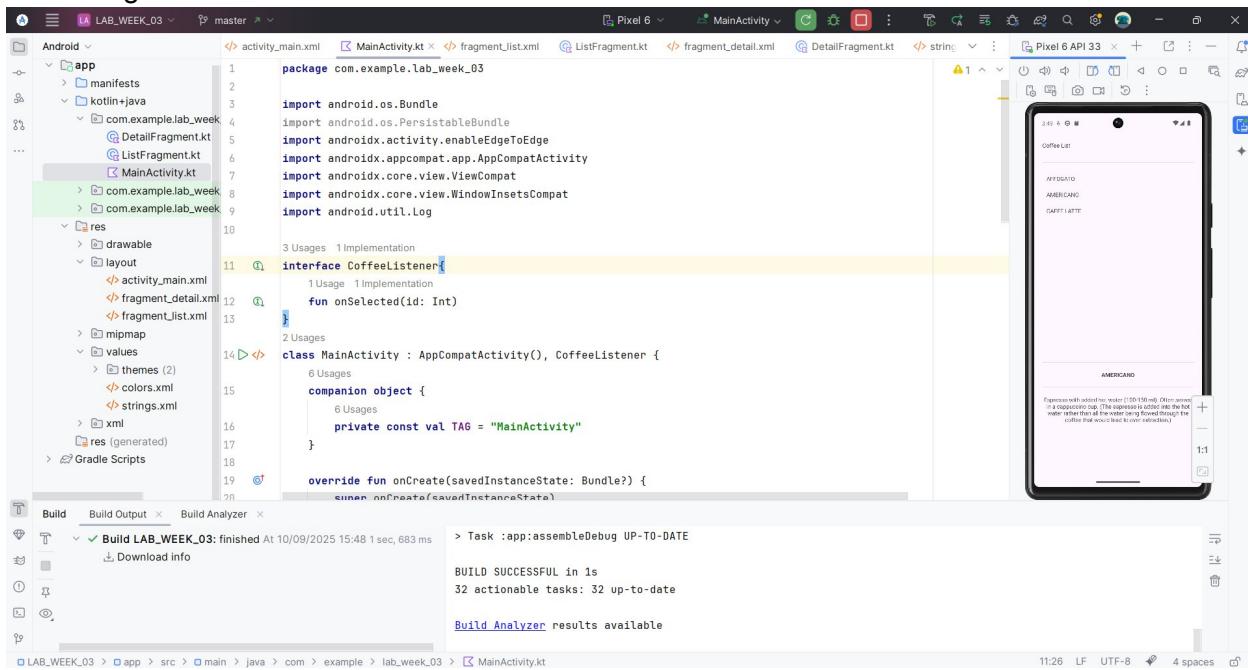
Setalah lanjut coding, sebelum mengklik apa apa:



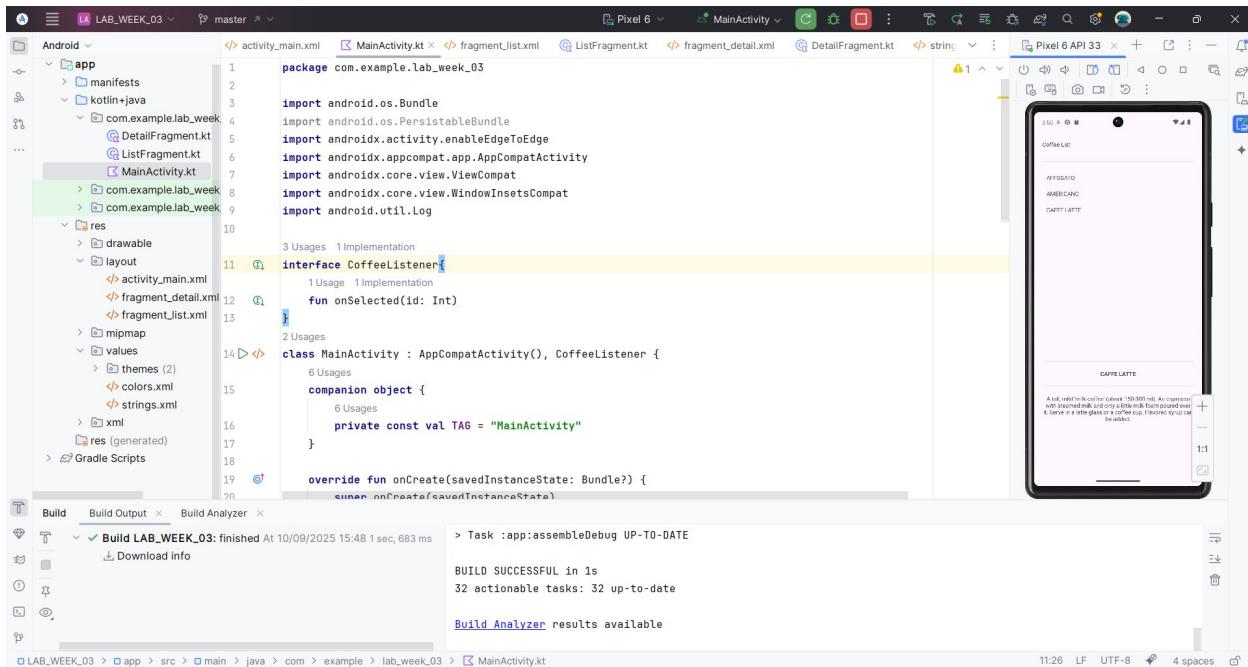
Jika mengklik AFFOGATO:



Jika mengklik AMERICANO:



Jika mengklik CAFFE LATTE:



PART 3 – DYNAMIC FRAGMENTS

Setelah membuat fragment dynamic:

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:padding="20dp"
    tools:context=".DetailFragment">
    <TextView
        android:id="@+id/coffee_title"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:gravity="center"
        android:textStyle="bold"
        tools:text="AFFOGATO"/>
    <View
        android:layout_width="match_parent"
        android:layout_height="1dp"
        android:layout_marginVertical="20dp"
        android:background="?android:attr/dividerVertical"/>
    <TextView
        android:id="@+id/coffee_desc"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Espresso poured over a vanilla ice cream. Served in a cappuccino cup."/>

```

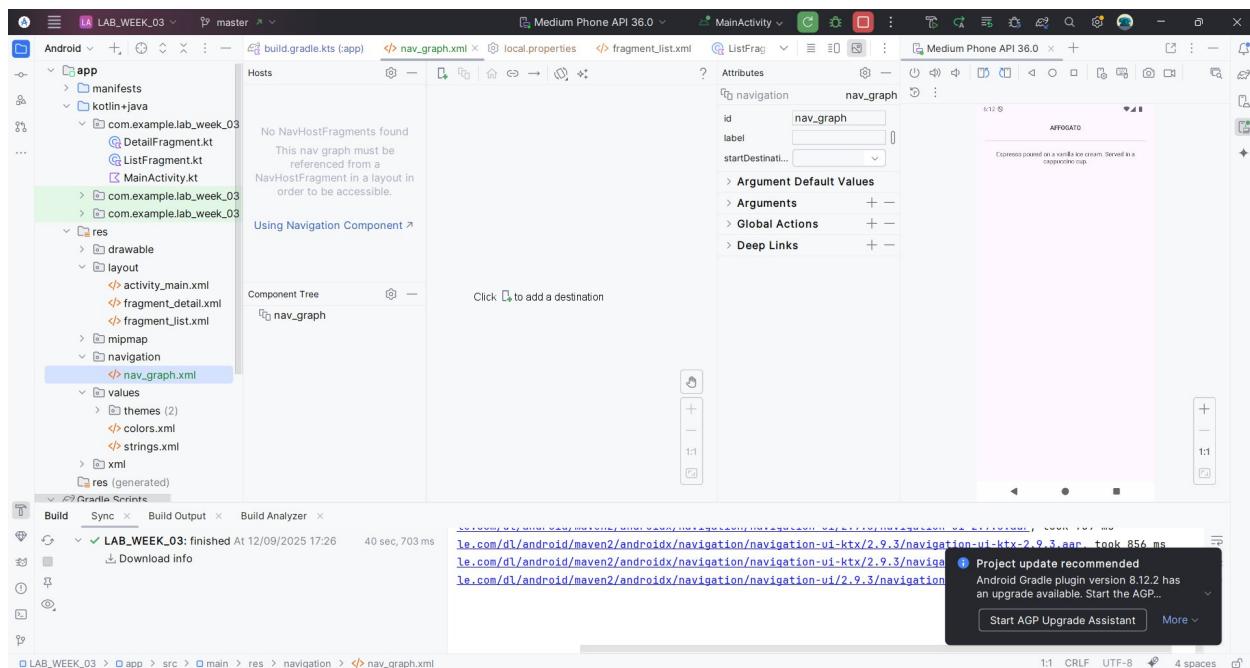
Misal mau klik Affogato, pindah halaman:

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:padding="20dp"
    tools:context=".DetailFragment">
    <TextView
        android:id="@+id/coffee_title"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:gravity="center"
        android:textStyle="bold"
        tools:text="AFFOGATO"/>
    <View
        android:layout_width="match_parent"
        android:layout_height="1dp"
        android:layout_marginVertical="20dp"
        android:background="?android:attr/dividerVertical"/>
    <TextView
        android:id="@+id/coffee_desc"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Espresso poured over a vanilla ice cream. Served in a cappuccino cup."/>

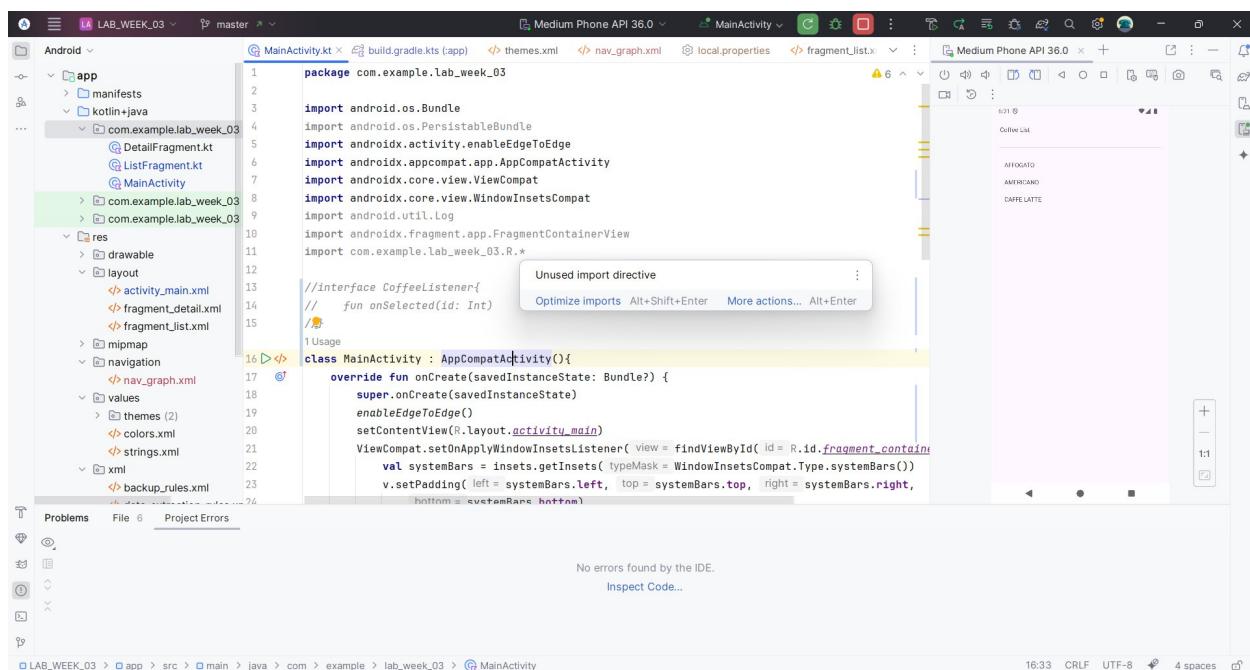
```

Part 4 – Use Jetpack Animation

Menambahkan nav_graph pada res:



Setelah dilakukan Coding dengan Jetpack, hasil sama seperti di Commit no. 3:



Ketika diklik salah satu, akan muncul navigation ke page baru (misal klik AFFOGATO):

```

1 package com.example.lab_week_03
2
3 import android.os.Bundle
4 import android.os.Parcelable
5 import androidx.activity.enableEdgeToEdge
6 import androidx.appcompat.app.AppCompatActivity
7 import androidx.core.view.WindowCompat
8 import androidx.core.view.WindowInsetsCompat
9 import android.util.Log
10 import androidx.fragment.app.FragmentContainerView
11 import com.example.lab_week_03.R.*
12
13 //interface CoffeeListener{
14 //    fun onSelected(id: Int)
15 //}
16
17 class MainAppCompatActivity : AppCompatActivity(){
18     override fun onCreate(savedInstanceState: Bundle?) {
19         super.onCreate(savedInstanceState)
20         enableEdgeToEdge()
21         setContentView(R.layout.activity_main)
22         ViewCompat.setOnApplyWindowInsetsListener( view = findViewById(R.id.fragment_container),
23             val systemBars = insets.getInsets( typeMask = WindowInsetsCompat.Type.systemBars() )
24             v.setPadding( left = systemBars.left, top = systemBars.top, right = systemBars.right,
25                         bottom = systemBars.bottom )
26     }
27 }

```

No errors found by the IDE.
Inspect Code...

ASSIGNMENT:

Saya menambahkan kopi: *arabica, robusta, liberika, excelsa, luwak, aren sugar, torajan*

Ketika dijalankan akan menghasilkan output:

```

1 class ListFragment : Fragment() {
2     override fun onCreateView(inflater: LayoutInflater, container: ViewGroup?,
3         savedInstanceState: Bundle?
4     ): View? {
5         // Inflate the layout for this fragment
6         return inflater.inflate( resource = R.layout.fragment_list, root = container, attachToRoot = true )
7     }
8
9     override fun onViewCreated(view: View, savedInstanceState: Bundle?) {
10         super.onViewCreated(view, savedInstanceState)
11         val coffeeList = listOf<View>(
12             view.findViewById( id = R.id.affogato ),
13             view.findViewById( id = R.id.americano ),
14             view.findViewById( id = R.id.latte ),
15             view.findViewById( id = R.id.arabica ),
16             view.findViewById( id = R.id.robusta ),
17             view.findViewById( id = R.id.liberika ),
18             view.findViewById( id = R.id.excelsa ),
19             view.findViewById( id = R.id.luwak ),
20             view.findViewById( id = R.id.aren ),
21             view.findViewById( id = R.id.torajan )
22         )
23     }
24 }

```

Build LAB_WEEK_03: finished at 14/09/2025 19:57 3 sec, 146 ms > Task :app:assembleDebug
BUILD SUCCESSFUL in 3s
32 actionable tasks: 4 executed, 28 up-to-date
Build Analyzer results available

Ketika salah satu kopi tambahan diklik akan menghasilkan output seperti:

The screenshot shows the Android Studio interface with the code editor open to `ListFragment.kt`. The code defines a `ListFragment` class that inflates a layout containing various coffee names. A floating callout box labeled "ARABICA" appears over the code, with a tooltip providing a brief description: "Coffee arabica, also known as the Arabica coffee, is a species of flowering plant in the coffee and madder family. It is one of the two main coffee species, alongside Robusta, to have been cultivated and is the dominant coffee varietal, representing about 60% of global production."

```
class ListFragment : Fragment() {
    override fun onCreateView(
        inflater: LayoutInflater, container: ViewGroup?,
        savedInstanceState: Bundle?
    ): View? {
        // Inflate the layout for this fragment
        return inflater.inflate(R.layout.fragment_list, container, false)
    }

    override fun onViewCreated(view: View, savedInstanceState: Bundle?) {
        super.onViewCreated(view, savedInstanceState)
        val coffeeList = listOf<View>(
            view.findViewById(R.id.affogato),
            view.findViewById(R.id.americano),
            view.findViewById(R.id.latte),
            view.findViewById(R.id.arabica),
            view.findViewById(R.id.robusta),
            view.findViewById(R.id.liberika),
            view.findViewById(R.id.exelsa),
            view.findViewById(R.id.luwak),
            view.findViewById(R.id.aren),
            view.findViewById(R.id.torajan)
        )
    }
}
```

Ketika tombol back ditekan akan kembali ke list nama nama kopi:

This screenshot is identical to the one above, showing the same code editor and floating callout for "ARABICA". The floating callout now includes a "TIMBIAHAN" entry under the "ARABICA" section, indicating a specific type or origin of Arabica coffee.

```
class ListFragment : Fragment() {
    override fun onCreateView(
        inflater: LayoutInflater, container: ViewGroup?,
        savedInstanceState: Bundle?
    ): View? {
        // Inflate the layout for this fragment
        return inflater.inflate(R.layout.fragment_list, container, false)
    }

    override fun onViewCreated(view: View, savedInstanceState: Bundle?) {
        super.onViewCreated(view, savedInstanceState)
        val coffeeList = listOf<View>(
            view.findViewById(R.id.affogato),
            view.findViewById(R.id.americano),
            view.findViewById(R.id.latte),
            view.findViewById(R.id.arabica),
            view.findViewById(R.id.robusta),
            view.findViewById(R.id.liberika),
            view.findViewById(R.id.exelsa),
            view.findViewById(R.id.luwak),
            view.findViewById(R.id.aren),
            view.findViewById(R.id.torajan)
        )
    }
}
```

List yang lainnya:

The screenshot shows the Android Studio interface with the following details:

- Project Structure:** The left sidebar shows the project structure under "Android". It includes the "app" module with files like "Manifests", "kotlin+java", "com.example.lab_week_03" (containing "DetailFragment.kt", "ListFragment.kt", and "MainActivity"), "res" (with "layout" containing "activity_main.xml" and "fragment_detail.xml", and "values" containing "colors.xml" and "strings.xml"), and "xml" (containing "backup_rules.xml").
- Code Editor:** The main area displays the "ListFragment.kt" file. The code is as follows:

```
class ListFragment : Fragment() {
    override fun onCreateView(
        inflater: LayoutInflater, container: ViewGroup?,
        savedInstanceState: Bundle?
    ): View? {
        // Inflate the layout for this fragment
        return inflater.inflate(R.layout.fragment_list, container, false)
    }

    override fun onViewCreated(view: View, savedInstanceState: Bundle?) {
        super.onViewCreated(view, savedInstanceState)
        val coffeeList = listOf<View>(
            view.findViewById(R.id.affogato),
            view.findViewById(R.id.americano),
            view.findViewById(R.id.latte),
            view.findViewById(R.id.arabica),
            view.findViewById(R.id.robusta),
            view.findViewById(R.id.libерика),
            view.findViewById(R.id.excelso),
            view.findViewById(R.id.luwak),
            view.findViewById(R.id.aren),
            view.findViewById(R.id.torajan)
        )
    }
}
```

- Build Tab:** The bottom-left tab bar shows the "Build" tab is selected. The build log indicates:

- A successful build: "Build LAB_WEEK_03: finished At 14/09/2025 19:57" (3 sec, 146 ms)
- "Task :app:assembleDebug"
- "BUILD SUCCESSFUL in 3s"
- "32 actionable tasks: 4 executed, 28 up-to-date"
- "Build Analyzer results available"

- Bottom Status Bar:** The status bar at the bottom shows: 66:44, CRLF, UTF-8, 4 spaces, and a file icon.

The screenshot shows the Android Studio interface with the code editor open to the `ListFragment.kt` file. The cursor is positioned at the end of the word `liberika`. A tooltip is displayed, providing information about the coffee variety `Liberika`:

Liberika refers to Coffee liberica, a rare coffee variety primarily grown in Southeast Asia, and largely Malabar and Sumatra. It is one of the three main coffee families. The beans are large and irregularly shaped compared to Arabica and Robusta beans, and have a lower caffeine concentration among the three main coffee varieties.

The code editor shows the following code:

```
class ListFragment : Fragment() {
    override fun onCreateView(
        inflater: LayoutInflater, container: ViewGroup,
        savedInstanceState: Bundle?
    ): View? {
        // Inflate the layout for this fragment
        return inflater.inflate(R.layout.fragment_list, container, false)
    }

    override fun onViewCreated(view: View, savedInstanceState: Bundle?) {
        super.onViewCreated(view, savedInstanceState)
        val coffeeList = listOf<View>(
            view.findViewById(R.id.affogato),
            view.findViewById(R.id.americano),
            view.findViewById(R.id.latte),
            view.findViewById(R.id.arabica),
            view.findViewById(R.id.robusta),
            view.findViewById(R.id.liberika),
            view.findViewById(R.id.excelso),
            view.findViewById(R.id.luwak),
            view.findViewById(R.id.gren),
            view.findViewById(R.id.torajan)
        )
    }
}
```

The screenshot shows the Android Studio interface with the code editor open to the `ListFragment.kt` file. The cursor is positioned at the end of the word `liberika`. A tooltip is displayed, providing information about the coffee variety `Excelsa`:

Excelsa coffee is a unique, resilient, and productive species, despite its minor presence in the global coffee market.

The code editor shows the following code:

```
class ListFragment : Fragment() {
    override fun onCreateView(
        inflater: LayoutInflater, container: ViewGroup,
        savedInstanceState: Bundle?
    ): View? {
        // Inflate the layout for this fragment
        return inflater.inflate(R.layout.fragment_list, container, false)
    }

    override fun onViewCreated(view: View, savedInstanceState: Bundle?) {
        super.onViewCreated(view, savedInstanceState)
        val coffeeList = listOf<View>(
            view.findViewById(R.id.affogato),
            view.findViewById(R.id.americano),
            view.findViewById(R.id.latte),
            view.findViewById(R.id.arabica),
            view.findViewById(R.id.robusta),
            view.findViewById(R.id.liberika),
            view.findViewById(R.id.excelso),
            view.findViewById(R.id.luwak),
            view.findViewById(R.id.gren),
            view.findViewById(R.id.torajan)
        )
    }
}
```

Java code for ListFragment:

```
class ListFragment : Fragment() {
    override fun onCreateView(
        inflater: LayoutInflater, container: ViewGroup?,
        savedInstanceState: Bundle?
    ): View? {
        // Inflate the layout for this fragment
        return inflater.inflate(R.layout.fragment_list, container, false)
    }

    override fun onViewCreated(view: View, savedInstanceState: Bundle?) {
        super.onViewCreated(view, savedInstanceState)
        val coffeeList = listOf<View>(
            view.findViewById(R.id.affogato),
            view.findViewById(R.id.americano),
            view.findViewById(R.id.latte),
            view.findViewById(R.id.arabica),
            view.findViewById(R.id.robusta),
            view.findViewById(R.id.liberika),
            view.findViewById(R.id.excelsa),
            view.findViewById(R.id.luwak),
            view.findViewById(R.id.areng),
            view.findViewById(R.id.torajan)
        )
    }
}
```

Build output:

```
Build LAB_WEEK_03: finished at 14/09/2025 19:57
Download info
Task :app:assembleDebug
BUILD SUCCESSFUL in 3s
32 actionable tasks: 4 executed, 28 up-to-date
Build Analyzer results available
```

Java code for ListFragment:

```
class ListFragment : Fragment() {
    override fun onCreateView(
        inflater: LayoutInflater, container: ViewGroup?,
        savedInstanceState: Bundle?
    ): View? {
        // Inflate the layout for this fragment
        return inflater.inflate(R.layout.fragment_list, container, false)
    }

    override fun onViewCreated(view: View, savedInstanceState: Bundle?) {
        super.onViewCreated(view, savedInstanceState)
        val coffeeList = listOf<View>(
            view.findViewById(R.id.affogato),
            view.findViewById(R.id.americano),
            view.findViewById(R.id.latte),
            view.findViewById(R.id.arabica),
            view.findViewById(R.id.robusta),
            view.findViewById(R.id.liberika),
            view.findViewById(R.id.excelsa),
            view.findViewById(R.id.luwak),
            view.findViewById(R.id.areng),
            view.findViewById(R.id.torajan)
        )
    }
}
```

Build output:

```
Build LAB_WEEK_03: finished at 14/09/2025 19:57
Download info
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```

The screenshot shows the Android Studio interface with the following details:

- Project Structure:** The left sidebar shows the project structure under "Android".
- Code Editor:** The main area displays the `ListFragment.kt` file. The code is as follows:

```
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    override fun onCreateView(
        inflater: LayoutInflater, container: ViewGroup?,
        savedInstanceState: Bundle?
    ): View? {
        // Inflate the layout for this fragment
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        val coffeeList = listOf<View>(
            view.findViewById(R.id.affogato),
            view.findViewById(R.id.americano),
            view.findViewById(R.id.latte),
            view.findViewById(R.id.arabica),
            view.findViewById(R.id.robusta),
            view.findViewById(R.id.liberika),
            view.findViewById(R.id.excelsa),
            view.findViewById(R.id.luwak),
            view.findViewById(R.id.aren),
            view.findViewById(R.id.torajan)
        )
    }
}
```

- Build Tab:** The bottom-left tab bar shows the "Build" tab is selected. The build log indicates:

- Task `:app:assembleDebug` completed successfully.
- BUILD SUCCESSFUL in 3s
- 32 actionable tasks: 4 executed, 28 up-to-date

- Bottom Status Bar:** Shows the file path `LAB_WEEK_03 > app > src > main > java > com > example > lab_week_03 > ListFragment > onViewCreated`, character encoding (UTF-8), and other settings.