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Tugas 3

1. Modul 1

```xml
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:id="@+id/main"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:paddingLeft="@dimen/activity_horizontal_margin"
    android:paddingTop="@dimen/activity_vertical_margin"
    android:paddingRight="@dimen/activity_horizontal_margin"
    android:paddingBottom="@dimen/activity_vertical_margin"
    tools:context=".MainActivity">

    <Button
        android:id="@+id/button_toast"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:backgroundTint="#3DCE0C"
        android:text="@string/button_label_toast" />

    <TextView
        android:id="@+id/show_count"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:textSize="160sp"
        android:background="#FFFF00"
        android:gravity="center"
        android:text="@string/count_initial_value"
        android:layout_below="@id/button_toast"
        android:layout_marginTop="30dp" />

    <Button
        android:id="@+id/button_count"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:backgroundTint="#3DCE0C"
        android:text="@string/button_label_count"
        android:layout_toRightOf="@id/button_toast"
```
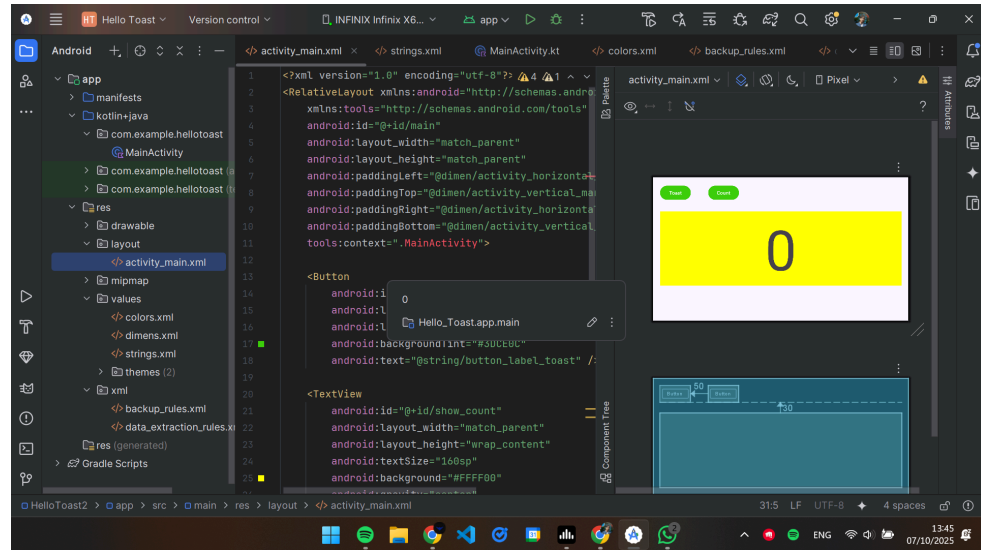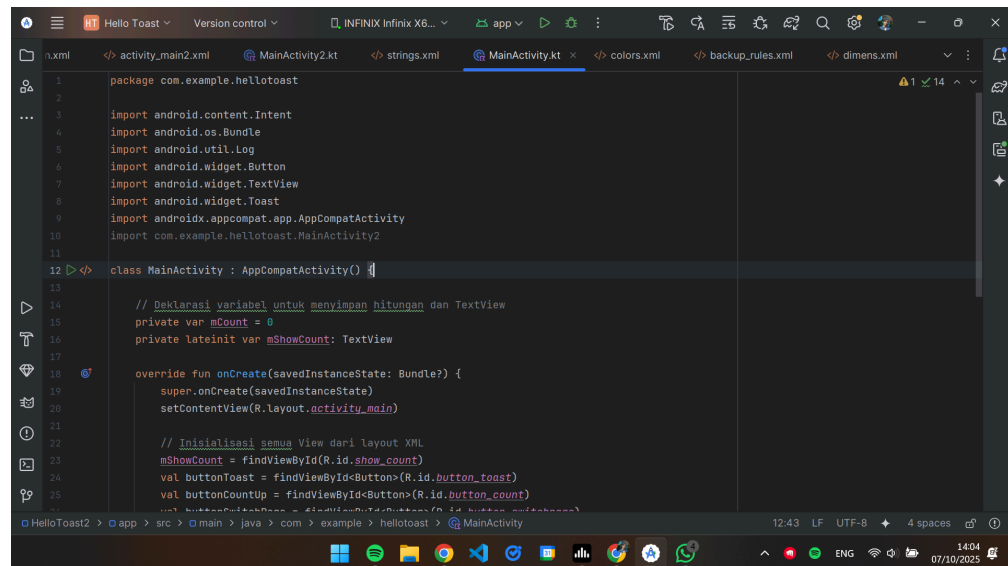
```
              android:layout_marginLeft="50dp" />
</RelativeLayout>
```
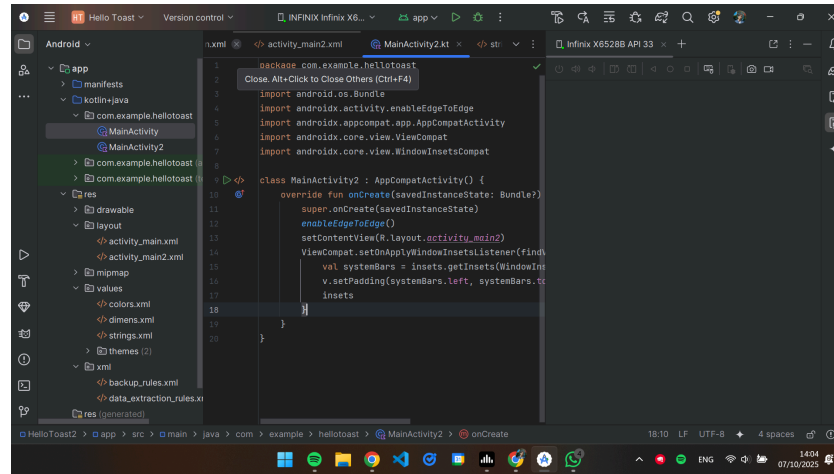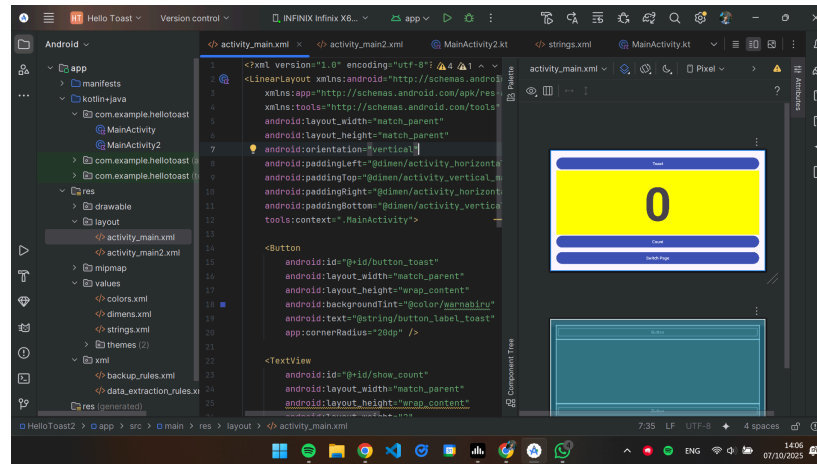

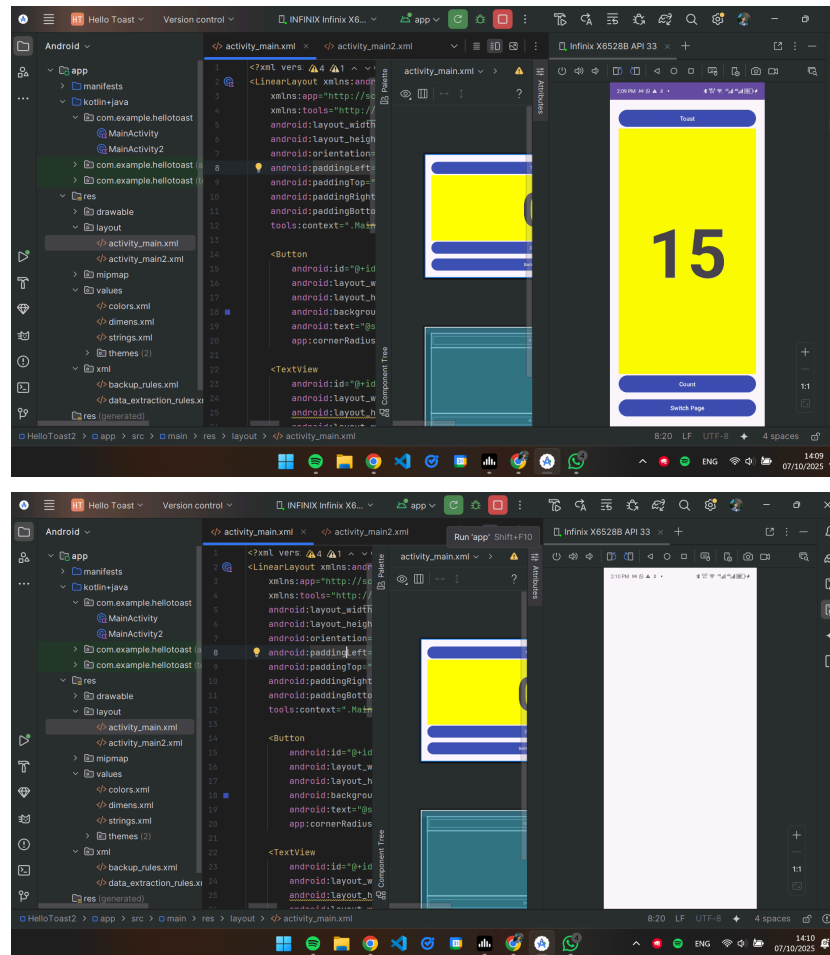2. Modul 2
   a. MainActivity

b. MainActivity2

c. Activity_main.xml

d. Result

3. Modul 3
   a. Update activity_main.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
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:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:paddingLeft="@dimen/activity_horizontal_margin"
    android:paddingTop="@dimen/activity_vertical_margin"
    android:paddingRight="@dimen/activity_horizontal_margin"
    android:paddingBottom="@dimen/activity_vertical_margin"
    tools:context=".MainActivity">

    <!-- TOMBOL BARU DITAMBAHKAN DI SINI -->
    <Button
        android:id="@+id/button_browser"
```

```xml
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginBottom="8dp"
        android:backgroundTint="#3DCE0C"
        android:text="@string/button_label_browser" />

    <Button
        android:id="@+id/button_toast"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:backgroundTint="@color/warnabiru"
        android:text="@string/button_label_toast"
        app:cornerRadius="20dp" />

    <TextView
        android:id="@+id/show_count"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_weight="2"
        android:background="#FFFF00"
        android:gravity="center"
        android:text="@string/count_initial_value"
        android:textSize="160sp"
        android:textStyle="bold"/>

    <Button
        android:id="@+id/button_count"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:backgroundTint="@color/warnabiru"
        android:text="@string/button_label_count"
        app:cornerRadius="20dp" />

    <Button
        android:id="@+id/button_switchpage"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:backgroundTint="@color/warnabiru"
        android:text="@string/button_label_pindah"
        app:cornerRadius="20dp"
        android:layout_marginTop="8dp"/>

</LinearLayout>
```

b. MainActivity

```kotlin
package com.example.hellotoast

import android.content.Intent
import android.net.Uri
```

```kotlin
import android.os.Bundle
import android.util.Log
import android.widget.Button
import android.widget.TextView
import android.widget.Toast
import androidx.appcompat.app.AppCompatActivity

class MainActivity : AppCompatActivity() {

    private var mCount = 0
    private lateinit var mShowCount: TextView

    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_main)

        mShowCount = findViewById(R.id.show_count)
        val buttonToast = findViewById<Button>(R.id.button_toast)
        val buttonCountUp = findViewById<Button>(R.id.button_count)
        val buttonSwitchPage =
findViewById<Button>(R.id.button_switchpage)
        val buttonBrowser =
findViewById<Button>(R.id.button_browser)

        // Atur listener untuk tombol TOAST
        buttonToast.setOnClickListener {
            val tulisan: String = mShowCount.text.toString()
            val toast = Toast.makeText(this, "Angka yang
dimunculkan: $tulisan", Toast.LENGTH_LONG)
            toast.show()
        }

        buttonCountUp.setOnClickListener {
            mCount++
            mShowCount.text = mCount.toString()
            Log.d("MainActivity", "Count is now: $mCount")
        }

        buttonSwitchPage.setOnClickListener {
            val intent = Intent(this, MainActivity2::class.java)
            startActivity(intent)
        }

        buttonBrowser.setOnClickListener {
            val intentBrowse = Intent(Intent.ACTION_VIEW)
            intentBrowse.data = Uri.parse("https://www.google.com/")
            startActivity(intentBrowse)
        }
    }
```

```
}
```

c. String.xml

```xml
<resources>
    <string name="app_name">Hello Toast</string>
    <string name="button_label_toast">Toast</string>
    <string name="count_initial_value">0</string>
    <string name="button_label_count">Count</string>
    <string name="button_label_pindah">Switch Page</string>
    <string name="text_header">Halaman ke-2</string>
    <string name="button_label_browser">Browse Page</string>
</resources>
```

d. Result