## 📁 Contents of ./

📝 Java File: ./java/Fragment1.java

package com.example.tp2\_ex1;  
  
import android.os.Bundle;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import androidx.fragment.app.Fragment;  
  
public class Fragment1 extends Fragment {  
 public Fragment1() {}  
  
 @Override  
 public View onCreateView(LayoutInflater inflater, ViewGroup container,  
 Bundle savedInstanceState) {  
 return inflater.inflate(R.layout.fragment1, container, false);  
 }  
}

📝 Java File: ./java/Fragment2.java

package com.example.tp2\_ex1;  
  
import android.os.Bundle;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import androidx.fragment.app.Fragment;  
  
public class Fragment2 extends Fragment {  
 public Fragment2() {}  
  
 @Override  
 public View onCreateView(LayoutInflater inflater, ViewGroup container,  
 Bundle savedInstanceState) {  
 return inflater.inflate(R.layout.fragment2, container, false);  
 }  
}

📝 Java File: ./java/MainActivity.java

package com.example.tp2\_ex1;  
  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.fragment.app.Fragment;  
  
public class MainActivity extends AppCompatActivity {  
 Button btnFragment1, btnFragment2;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.activity\_main);  
  
 btnFragment1 = findViewById(R.id.btnFragment1);  
 btnFragment2 = findViewById(R.id.btnFragment2);  
  
 btnFragment1.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 loadFragment(new Fragment1());  
 }  
 });  
  
 btnFragment2.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 loadFragment(new Fragment2());  
 }  
 });  
  
 // Default fragment  
 loadFragment(new Fragment1());  
 }  
  
 private void loadFragment(Fragment fragment) {  
 getSupportFragmentManager()  
 .beginTransaction()  
 .replace(R.id.fragmentContainer, fragment)  
 .commit();  
 }  
}

📋 XML File: ./xml/activity\_main.xml

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android" android:orientation="vertical" android:layout\_width="match\_parent" android:layout\_height="match\_parent">  
  
 <LinearLayout android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:orientation="horizontal" android:padding="16dp" android:gravity="center">  
  
 <Button android:id="@+id/btnFragment1" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:text="Fragment No.1" />  
  
 <Button android:id="@+id/btnFragment2" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:text="Fragment No.2" android:layout\_marginStart="16dp"/>  
 </LinearLayout>  
  
 <FrameLayout android:id="@+id/fragmentContainer" android:layout\_width="match\_parent" android:layout\_height="0dp" android:layout\_weight="1" />  
</LinearLayout>

📋 XML File: ./xml/fragment1.xml

<?xml version="1.0" encoding="utf-8"?>  
<FrameLayout xmlns:android="http://schemas.android.com/apk/res/android" android:layout\_width="match\_parent" android:layout\_height="match\_parent" android:background="#FF00FF"> <!-- Magenta -->  
  
 <TextView android:layout\_gravity="center" android:text="This is fragment No.1" android:textSize="24sp" android:textColor="#FFFFFF" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" />  
 <!-- White -->  
</FrameLayout>

📋 XML File: ./xml/fragment2.xml

<?xml version="1.0" encoding="utf-8"?>  
<FrameLayout xmlns:android="http://schemas.android.com/apk/res/android" android:layout\_width="match\_parent" android:layout\_height="match\_parent" android:background="#FFFF00"> <!-- Yellow -->  
  
 <TextView android:layout\_gravity="center" android:text="This is fragment No.2" android:textSize="24sp" android:textColor="#000000" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content"/>  
 <!-- Black -->  
</FrameLayout>