Lab4

Main.java

package com.example.prog4;  
  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.fragment.app.FragmentManager;  
import androidx.fragment.app.FragmentTransaction;  
  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.Toast;  
  
public class MainActivity extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 FirstFragment fragment1=new FirstFragment();  
 secondFragment fragment2=new secondFragment();  
 FragmentManager managerF = getSupportFragmentManager();  
  
 FragmentTransaction Ftransaction = managerF.beginTransaction();  
  
 Ftransaction.add(R.id.*frameLayout*,fragment1);  
  
 Button b1 = findViewById(R.id.*button*);  
 Button b2 = findViewById(R.id.*button2*);  
 b1.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 FragmentManager managerF = getSupportFragmentManager();  
 FragmentTransaction Ftransaction = managerF.beginTransaction();  
 Ftransaction.replace(R.id.*frameLayout*,fragment1);  
  
 Toast.*makeText*(MainActivity.this,"Changed to Fragment1",Toast.*LENGTH\_LONG*).show();  
 Ftransaction.commit();  
  
 }  
 });  
 b2.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 FragmentManager managerF = getSupportFragmentManager();  
 FragmentTransaction Ftransaction = managerF.beginTransaction();  
 Ftransaction.replace(R.id.*frameLayout*,fragment2);  
 Toast.*makeText*(MainActivity.this,"Changed to Fragment1",Toast.*LENGTH\_LONG*).show();  
 Ftransaction.commit();  
 }  
 });  
  
  
  
  
 }  
  
}

main.xml

<?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:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".MainActivity">  
  
 <FrameLayout  
 android:id="@+id/frameLayout"  
 android:layout\_width="411dp"  
 android:layout\_height="0dp"  
 android:layout\_marginStart="1dp"  
 android:layout\_marginEnd="1dp"  
 android:layout\_marginBottom="56dp"  
 app:layout\_constraintBottom\_toTopOf="@+id/button"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="1.0"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.0">  
  
 </FrameLayout>  
  
 <Button  
 android:id="@+id/button"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="22dp"  
 android:text="FirstFargment"  
 android:textSize="13dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.114"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/frameLayout" />  
  
 <Button  
 android:id="@+id/button2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginEnd="10dp"  
 android:layout\_marginBottom="20dp"  
 android:text="SecondFargment"  
 android:textSize="13dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.89"  
 app:layout\_constraintStart\_toEndOf="@+id/button" />  
  
</androidx.constraintlayout.widget.ConstraintLayout>

F1,xml

<?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:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".MainActivity">  
  
 <!-- *TODO: Update blank fragment layout* -->  
 <TextView  
 android:id="@+id/textView2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="FirstFragment"  
 android:textSize="48dp"  
 android:textColor="#787833"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
  
</androidx.constraintlayout.widget.ConstraintLayout>