**FRAGMENTS**

**MainActivity.java**

**package com.example.fragmentsq4;**

**import androidx.appcompat.app.AppCompatActivity;**

**import androidx.fragment.app.Fragment;**

**import androidx.fragment.app.FragmentManager;**

**import androidx.fragment.app.FragmentTransaction;**

**import android.os.Bundle;**

**import android.view.View;**

**import android.widget.Toast;**

**public class MainActivity extends AppCompatActivity {**

**@Override**

**protected void onCreate(Bundle savedInstanceState) {**

**super.onCreate(savedInstanceState);**

**setContentView(R.layout.*activity\_main*);**

**}**

**public void fragement1Start(View view){**

**replaceFragement(new Fragment\_1());**

**}**

**public void fragement2Start(View view){**

**replaceFragement(new Fragment\_2());**

**}**

**public void replaceFragement(Fragment pragment){**

**FragmentManager fm = getSupportFragmentManager();**

**FragmentTransaction ft = fm.beginTransaction();**

**ft.replace(R.id.*fra*,pragment);**

**ft.commit();**

**}**

**}**

**Activity\_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">**

**<Button**

**android:id="@+id/f2"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:layout\_marginStart="32dp"**

**android:layout\_marginTop="100dp"**

**android:onClick="fragement2Start"**

**android:text="Fragment 2"**

**app:layout\_constraintEnd\_toEndOf="parent"**

**app:layout\_constraintHorizontal\_bias="0.5"**

**app:layout\_constraintStart\_toEndOf="@+id/f1"**

**app:layout\_constraintTop\_toTopOf="parent" />**

**<Button**

**android:id="@+id/f1"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:layout\_marginTop="100dp"**

**android:onClick="fragement1Start"**

**android:text="Fragment 1"**

**app:layout\_constraintEnd\_toStartOf="@+id/f2"**

**app:layout\_constraintHorizontal\_bias="0.5"**

**app:layout\_constraintStart\_toStartOf="parent"**

**app:layout\_constraintTop\_toTopOf="parent" />**

**<FrameLayout**

**android:id="@+id/fra"**

**android:layout\_width="409dp"**

**android:layout\_height="581dp"**

**tools:layout\_editor\_absoluteX="2dp"**

**tools:layout\_editor\_absoluteY="148dp">**

**</FrameLayout>**

**</androidx.constraintlayout.widget.ConstraintLayout>**

**Fragment\_1.java**

**package com.example.fragmentsq4;**

**import android.os.Bundle;**

**import androidx.fragment.app.Fragment;**

**import android.view.LayoutInflater;**

**import android.view.View;**

**import android.view.ViewGroup;**

**public class Fragment\_1 extends Fragment {**

**@Override**

**public View onCreateView(LayoutInflater inflater, ViewGroup container,**

**Bundle savedInstanceState) {**

**// Inflate the layout for this fragment**

**return inflater.inflate(R.layout.*fragment\_1*, container, false);**

**}**

**}**

**Fragment\_2.java**

**package com.example.fragmentsq4;**

**import android.os.Bundle;**

**import androidx.fragment.app.Fragment;**

**import android.view.LayoutInflater;**

**import android.view.View;**

**import android.view.ViewGroup;**

**public class Fragment\_2 extends Fragment {**

**@Override**

**public View onCreateView(LayoutInflater inflater, ViewGroup container,**

**Bundle savedInstanceState) {**

**// Inflate the layout for this fragment**

**return inflater.inflate(R.layout.*fragment\_2*, container, false);**

**}**

**}**

**Fragment\_1.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:id="@+id/frameLayout2"**

**android:layout\_width="match\_parent"**

**android:layout\_height="match\_parent"**

**android:background="#F68DB3"**

**tools:context=".Fragment\_1">**

**<TextView**

**android:id="@+id/textView2"**

**android:layout\_width="154dp"**

**android:layout\_height="46dp"**

**android:text="Fragment 1"**

**android:textAlignment="center"**

**android:textColor="#DA1C16"**

**android:textSize="24sp"**

**android:textStyle="bold|italic"**

**app:layout\_constraintBottom\_toBottomOf="parent"**

**app:layout\_constraintEnd\_toEndOf="parent"**

**app:layout\_constraintHorizontal\_bias="0.498"**

**app:layout\_constraintStart\_toStartOf="parent"**

**app:layout\_constraintTop\_toTopOf="parent"**

**app:layout\_constraintVertical\_bias="0.499" />**

**</androidx.constraintlayout.widget.ConstraintLayout>**

**Fragment\_2.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:id="@+id/frameLayout"**

**android:layout\_width="match\_parent"**

**android:layout\_height="match\_parent"**

**android:background="#7DE40F"**

**tools:context=".Fragment\_2">**

**<!-- *TODO: Update blank fragment layout* -->**

**<TextView**

**android:id="@+id/textView"**

**android:layout\_width="131dp"**

**android:layout\_height="61dp"**

**android:text="Fragment 2"**

**android:textAlignment="center"**

**android:textColor="#121111"**

**android:textSize="24sp"**

**android:textStyle="bold"**

**app:layout\_constraintBottom\_toBottomOf="parent"**

**app:layout\_constraintEnd\_toEndOf="parent"**

**app:layout\_constraintStart\_toStartOf="parent"**

**app:layout\_constraintTop\_toTopOf="parent" />**

**</androidx.constraintlayout.widget.ConstraintLayout>**