*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"

tools:context=".MainActivity">

<Button

android:id="@+id/b1"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:text="First Fragment"

android:textSize="20sp"

android:layout\_marginTop="50dp"/>

<Button

android:id="@+id/b2"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:text="Second Fragment"

android:textSize="20sp"

android:layout\_marginTop="50dp"

/>

<FrameLayout

android:id="@+id/frameLayout"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:layout\_marginTop="10dp"/>

</LinearLayout>

MainACtivity Java

package com.example.fragment;

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.Button;

public class MainActivity extends AppCompatActivity {

Button firstfragment,secondfragment;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

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

firstfragment = (Button) findViewById(R.id.*b1*);

secondfragment = (Button) findViewById(R.id.*b2*);

firstfragment.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

loadFragment(new firstfragment());

}

});

secondfragment.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

loadFragment(new secondfragment());

}

});

}

public void loadFragment(Fragment fragment){

FragmentManager fm=getSupportFragmentManager();

FragmentTransaction ft=fm.beginTransaction();

ft.replace(R.id.*frameLayout*,fragment);

ft.commit();

}

}

First fragment.xml

*<?*xml version="1.0" encoding="utf-8"*?>*

<FrameLayout 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"

tools:context=".firstfragment">

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

<TextView

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:textSize="20dp"

android:textStyle="bold"

android:layout\_gravity="center"

android:text="hello\_blank\_fragment" />

<Button

android:id="@+id/button2"

android:layout\_marginTop="100dp"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Submit 1" />

</FrameLayout>

Firstfragment.java

package com.example.fragment;

import android.os.Bundle;

import androidx.fragment.app.Fragment;

import android.view.LayoutInflater;

import android.view.View;

import android.view.ViewGroup;

/\*\*

\* A simple {@link Fragment} subclass.

\* Use the {@link firstfragment#newInstance} factory method to

\* create an instance of this fragment.

\*/

public class firstfragment extends Fragment {

// TODO: Rename parameter arguments, choose names that match

// the fragment initialization parameters, e.g. ARG\_ITEM\_NUMBER

private static final String ARG\_PARAM1 = "param1";

private static final String ARG\_PARAM2 = "param2";

// TODO: Rename and change types of parameters

private String mParam1;

private String mParam2;

public firstfragment() {

// Required empty public constructor

}

/\*\*

\* Use this factory method to create a new instance of

\* this fragment using the provided parameters.

\*

\* @param param1 Parameter 1.

\* @param param2 Parameter 2.

\* @return A new instance of fragment firstfragment.

\*/

// TODO: Rename and change types and number of parameters

public static firstfragment newInstance(String param1, String param2) {

firstfragment fragment = new firstfragment();

Bundle args = new Bundle();

args.putString(ARG\_PARAM1, param1);

args.putString(ARG\_PARAM2, param2);

fragment.setArguments(args);

return fragment;

}

@Override

public void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

if (getArguments() != null) {

mParam1 = getArguments().getString(ARG\_PARAM1);

mParam2 = getArguments().getString(ARG\_PARAM2);

}

}

@Override

public View onCreateView(LayoutInflater inflater, ViewGroup container,

Bundle savedInstanceState) {

// Inflate the layout for this fragment

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

}

}

Secondfragment.xml

*<?*xml version="1.0" encoding="utf-8"*?>*

<FrameLayout 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"

tools:context=".secondfragment">

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

<TextView

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:textSize="20dp"

android:textStyle="bold"

android:layout\_gravity="center"

android:text="hello\_blank\_fragment" />

<Button

android:id="@+id/button"

android:layout\_marginTop="100dp"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Submit 2" />

</FrameLayout>

Second fragment java

package com.example.fragment;

import android.os.Bundle;

import androidx.fragment.app.Fragment;

import android.view.LayoutInflater;

import android.view.View;

import android.view.ViewGroup;

*/\*\**

*\* A simple {@link Fragment} subclass.*

*\* Use the {@link secondfragment#newInstance} factory method to*

*\* create an instance of this fragment.*

*\*/*

public class secondfragment extends Fragment {

*// TODO: Rename parameter arguments, choose names that match*

*// the fragment initialization parameters, e.g. ARG\_ITEM\_NUMBER*

private static final String *ARG\_PARAM1* = "param1";

private static final String *ARG\_PARAM2* = "param2";

*// TODO: Rename and change types of parameters*

private String mParam1;

private String mParam2;

public secondfragment() {

*// Required empty public constructor*

}

*/\*\**

*\* Use this factory method to create a new instance of*

*\* this fragment using the provided parameters.*

*\**

*\* @param param1 Parameter 1.*

*\* @param param2 Parameter 2.*

*\* @return A new instance of fragment secondfragment.*

*\*/*

*// TODO: Rename and change types and number of parameters*

public static secondfragment newInstance(String param1, String param2) {

secondfragment fragment = new secondfragment();

Bundle args = new Bundle();

args.putString(*ARG\_PARAM1*, param1);

args.putString(*ARG\_PARAM2*, param2);

fragment.setArguments(args);

return fragment;

}

@Override

public void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

if (getArguments() != null) {

mParam1 = getArguments().getString(*ARG\_PARAM1*);

mParam2 = getArguments().getString(*ARG\_PARAM2*);

}

}

@Override

public View onCreateView(LayoutInflater inflater, ViewGroup container,

Bundle savedInstanceState) {

*// Inflate the layout for this fragment*

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

}

}



