**Main Activity.java**

package com.example.fragmentexp;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
  
public class MainActivity extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 }  
}

**BlankFragment1.java**

package com.example.fragmentexp;  
  
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 BlankFragment1#newInstance} factory method to  
 \* create an instance of this fragment.  
 \*/*public class BlankFragment1 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 BlankFragment1() {  
 // 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 BlankFragment1.  
 \*/* // *TODO: Rename and change types and number of parameters* public static BlankFragment1 newInstance(String param1, String param2) {  
 BlankFragment1 fragment = new BlankFragment1();  
 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\_blank1*, container, false);  
 }  
}

**BlankFragment2.java**

package com.example.fragmentexp;  
  
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 BlankFragment2#newInstance} factory method to  
 \* create an instance of this fragment.  
 \*/*public class BlankFragment2 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 BlankFragment2() {  
 // 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 BlankFragment2.  
 \*/* // *TODO: Rename and change types and number of parameters* public static BlankFragment2 newInstance(String param1, String param2) {  
 BlankFragment2 fragment = new BlankFragment2();  
 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\_blank2*, container, false);  
 }  
}

**Activity\_main.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"  
 tools:context=".MainActivity">  
  
 <fragment  
 android:id="@+id/fragment1"  
 android:name="com.example.fragmentexp.BlankFragment1"  
 android:layout\_width="1dp"  
 android:layout\_height="match\_parent"  
 android:layout\_weight="1"/>  
  
 <fragment  
 android:id="@+id/fragment2"  
 android:name="com.example.fragmentexp.BlankFragment2"  
 android:layout\_width="1dp"  
 android:layout\_height="match\_parent"  
 android:layout\_weight="1"/>  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Hello World!"  
 android:background="@color/LightBlue"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
</LinearLayout>

**Fragment\_blank1.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"  
 tools:context=".BlankFragment1">  
  
 <!-- TODO: Update blank fragment layout -->  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:text="@string/hello\_blank\_fragment"  
 android:background="@color/LightBlue"  
 />  
  
</FrameLayout>

**Fragment\_blank2.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"  
 tools:context=".BlankFragment2">  
  
 <!-- *TODO: Update blank fragment layout* -->  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:text="@string/hello\_blank\_fragment"  
 android:background="@color/Orange"/>  
  
</FrameLayout>

Colours.xml

<?xml version="1.0" encoding="utf-8"?>  
<resources>  
 <color name="black">#FF000000</color>  
 <color name="white">#FFFFFFFF</color>  
 <color name="LightBlue">#ADD8E6</color>  
 <color name="Orange">#FA6536</color>  
  
  
</resources>

String.xml

<resources>  
 <string name="app\_name">FragmentExp</string>  
 <!-- *TODO: Remove or change this placeholder text* -->  
 <string name="hello\_blank\_fragment">Hello blank fragment</string>  
</resources>

