

Activity Main.java

```
package com.example.fragments;
import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import androidx.appcompat.app.AppCompatActivity;

public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        Button fragment1 = findViewById(R.id.button);
        Button fragment2 = findViewById(R.id.button2);
        fragment1.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                getSupportFragmentManager().beginTransaction()
                    .replace(R.id.framelayout, new Firstfragment())
                    .commit();
            }
        });
        fragment2.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                getSupportFragmentManager().beginTransaction()
                    .replace(R.id.framelayout, new
Secondfragment())
                    .commit();
            }
        });
    }
}
```

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"
    android:orientation="vertical"
    tools:context=".MainActivity">
    <TextView
        android:id="@+id/textView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="TextView"
        tools:layout_editor_absoluteX="195dp"
```

```

        tools:layout_editor_absoluteY="179dp" />

<Button
    android:id="@+id/button"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="fragment1"
    tools:layout_editor_absoluteX="27dp"
    tools:layout_editor_absoluteY="281dp" />

<Button
    android:id="@+id/button2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="fragment2"
    tools:layout_editor_absoluteX="253dp"
    tools:layout_editor_absoluteY="281dp" />

<FrameLayout
    android:id="@+id/framelayout"
    android:layout_width="409dp"
    android:layout_height="177dp"
    tools:layout_editor_absoluteX="1dp"
    tools:layout_editor_absoluteY="1dp">

</FrameLayout>

</LinearLayout>

```

First Fragment.java

```

package com.example.fragments;

import android.os.Bundle;

import androidx.fragment.app.Fragment;

import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;

public class Firstfragment extends Fragment {

    private static final String ARG_PARAM1 = "param1";
    private static final String ARG_PARAM2 = "param2";

    private String mParam1;
    private String mParam2;

    public Firstfragment() {

    }
}

```

```

        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) {

            return inflater.inflate(R.layout.fragment_firstfragment,
container, false);
        }
    }
}

```

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"
    tools:context=".Firstfragment">

    <!-- TODO: Update blank fragment layout -->
    <TextView
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:text="fragment1" />

</FrameLayout>

```

Second Fragment.java

```

package com.example.fragments;

import android.os.Bundle;

import androidx.fragment.app.Fragment;

```

```

import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;

public class Secondfragment extends Fragment {

    private static final String ARG_PARAM1 = "param1";
    private static final String ARG_PARAM2 = "param2";

    private String mParam1;
    private String mParam2;

    public Secondfragment() {

    }

    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) {

        return inflater.inflate(R.layout.fragment_secondfragment,
container, false);
    }
}

```

Second Fragement.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=".Secondfragment">

```

```
<!-- TODO: Update blank fragment layout -->
<TextView
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:text="fragment2" />

</FrameLayout>
```