

Fragment Example-1

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">

    <Button
        android:id="@+id/button"
        android:layout_width="405dp"
        android:layout_height="67dp"
        android:onClick="changefragment"
        android:text="Fragment 1"
        tools:layout_editor_absoluteX="3dp"
        tools:layout_editor_absoluteY="2dp" />

    <Button
        android:id="@+id/button2"
        android:layout_width="407dp"
        android:layout_height="68dp"
        android:onClick="changefragment"
        android:text="@string/fragment_2"
        tools:layout_editor_absoluteX="2dp"
        tools:layout_editor_absoluteY="69dp" />

    <fragment
        android:id="@+id/fragmentmain"
        android:name="com.example.fragmentexample1.Fragment1"
        android:layout_width="match_parent"
        android:layout_height="514dp" />

</LinearLayout>
```

Main Activity

```
package com.example.fragmentexample1;

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;

public class MainActivity extends AppCompatActivity {

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

    public void changefragment(View view)
    {
```

```

        Fragment fragment;
        FragmentManager fm=getSupportFragmentManager();
        FragmentTransaction ft=fm.beginTransaction();

        if (view==findViewById(R.id.button))
        {
            fragment=new Fragment1();
            ft.replace(R.id.fragmentmain,fragment); ft.commit();
        }

        if (view==findViewById(R.id.button2)){
            fragment=new Fragment2();
            ft.replace(R.id.fragmentmain,fragment);
            ft.commit();
        }
    }
}

```

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:id="@+id/fragment1"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="#D756ED"
    tools:context=".Fragment1">

</FrameLayout>

```

Fragment Java

```

package com.example.fragmentexample1;

import android.os.Bundle;

import androidx.fragment.app.Fragment;

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

public class Fragment1 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 XML

```

<?xml version="1.0" encoding="utf-8"?>
<FrameLayout xmlns:android="http://schemas.android.com/apk/res/android" xmlns:tools="

```

```

android:id="@+id/fragment2"
android:layout_width="match_parent"
android:layout_height="match_parent"
android:background="#FFEB3B"
tools:context=".Fragment2">

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

</FrameLayout>

```

Fragment 2 Java

```

package com.example.fragmentexample1;

import android.os.Bundle;

import androidx.fragment.app.Fragment;

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

public class Fragment2 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);
    }
}

```



