

## PRACTICAL-8

**AIM:** Create an application with the help of fragment.

### Activity\_main.xml

```
<LinearLayout 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">
    <LinearLayout
        android:layout_width="fill_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal"
        android:weightSum="4">
        <Button
            android:id="@+id/button1"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Fragment One"
            android:onClick="FragmentOneClick"
            android:layout_weight="2"/>

        <Button
            android:id="@+id/button2"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Fragment Two"
            android:onClick="FragmentTwoClick"
            android:layout_weight="2"/>
    </LinearLayout>

    <fragment
        android:id="@+id/fragment_switch"
        android:name="com.example.admin1.fragment.FragmentOne"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_marginLeft="5dp"
        android:layout_marginRight="5dp"
        android:layout_marginBottom="5dp"/>
</LinearLayout>
```

### mainactivity.java

```
package com.example.admin1.fragment;
import android.app.Activity;
import android.app.Fragment;
import android.app.FragmentManager;
import android.app.FragmentTransaction;
import android.os.Bundle;

import android.view.View;
```

```

public class MainActivity extends Activity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
    }
    public void FragmentOneClick(View view) {
        Fragment myfragment;
        myfragment = new FragmentOne();

        FragmentManager fm = getSupportFragmentManager();
        FragmentTransaction fragmentTransaction = fm.beginTransaction();
        fragmentTransaction.replace(R.id.fragment_switch, myfragment);
        fragmentTransaction.commit();

    }
    public void FragmentTwoClick(View view) {
        Fragment myfragment;
        myfragment = new FragmentTwo();

        FragmentManager fm = getSupportFragmentManager();
        FragmentTransaction fragmentTransaction = fm.beginTransaction();
        fragmentTransaction.replace(R.id.fragment_switch, myfragment);
        fragmentTransaction.commit();

    }
}

```

### fragment\_one.xml

```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical" >

    <TextView
        android:id="@+id/textView1"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_weight="1"
        android:text="Fragment One"
        android:textStyle="bold"
        android:textSize="20dp"
        android:textColor="#ffffff"
        android:gravity="center"
        android:background="#367396"/>

    </LinearLayout>

```

### fragment\_two.xml

```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical">

```

```

<TextView
    android:id="@+id/textView2"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="#563256"
    android:gravity="center"
    android:text="Fragment Two"
    android:textColor="#ffffff"
    android:textSize="20dp"
    android:textStyle="bold" />

```

```
</LinearLayout>
```

### fragmentOne.java

```

package com.example.admin1.fragment;
import android.app.Fragment;
import android.os.Bundle;
import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;

/**
 * Created by Administrator on 1/11/2019.
 */

public class FragmentOne extends Fragment {
    public View onCreateView(LayoutInflater inflater, ViewGroup container,
        Bundle savedInstanceState) {

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

```

### FragmentTwo.java

```

package com.example.admin1.fragment;

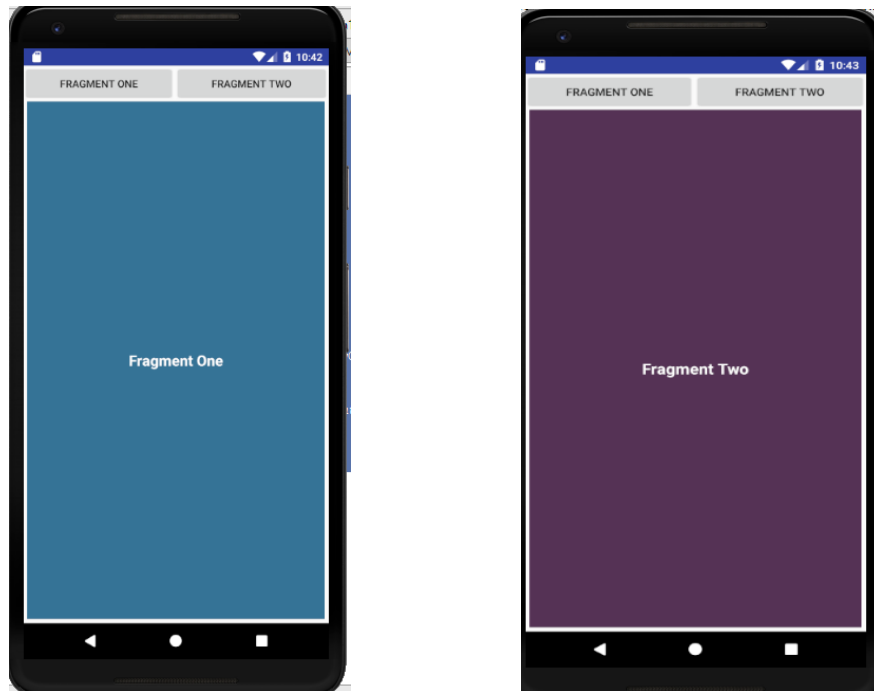
import android.app.Fragment;
import android.os.Bundle;
import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;

/**
 * Created by Administrator on 1/11/2019.
 */

public class FragmentTwo extends Fragment {
    public View onCreateView(LayoutInflater inflater, ViewGroup container,
        Bundle savedInstanceState) {

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

```

**OUTPUT:****Conclusion:**

We successfully completed creating application using fragment.