9. Create an application with 2 fragments, one to set the background and other to set the fore-color of the text.

// XML

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout</pre>
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">
    <FrameLayout</pre>
        android:id="@+id/frameLayout"
        android:layout width="411dp"
        android:layout height="523dp"
        app:layout constraintBottom toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal bias="0.0"
        app:layout_constraintStart toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout constraintVertical bias="1.0">
    </FrameLayout>
    <TextView
        android:id="@+id/textView"
        android:layout width="174dp"
        android:layout height="42dp"
        android:text="Fragments"
        android:textSize="34sp"
        android:textStyle="bold"
        app:layout constraintBottom toTopOf="@+id/frameLayout"
        app:layout constraintEnd toEndOf="parent"
        app:layout constraintHorizontal bias="0.502"
        app:layout constraintStart toStartOf="parent"
        app:layout constraintTop toTopOf="parent"
        app:layout constraintVertical bias="0.289" />
    <Button
        android:id="@+id/button"
        android:layout width="wrap content"
        android:layout height="wrap content"
        android:text="Background"
        app:layout constraintBottom toBottomOf="parent"
        app:layout constraintEnd toEndOf="parent"
        app:layout constraintHorizontal bias="0.109"
        app:layout_constraintStart toStartOf="parent"
        app:layout constraintTop toTopOf="parent"
        app:layout constraintVertical bias="0.196" />
    <Button
        android:id="@+id/button2"
        android:layout width="128dp"
        android:layout height="44dp"
        android:text="Forecolor"
        app:layout constraintBottom toBottomOf="parent"
```

```
app:layout constraintEnd toEndOf="parent"
        app:layout_constraintHorizontal bias="0.836"
        app:layout constraintStart toStartOf="parent"
        app:layout constraintTop toTopOf="parent"
        app:layout constraintVertical bias="0.196" />
</androidx.constraintlayout.widget.ConstraintLayout>
// Java File
package com.example.a2 fragement;
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 b1,b2;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity main);
        b1 = findViewById(R.id.button);
        b2 = findViewById(R.id.button2);
        b1.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                FragmentManager fm = getSupportFragmentManager();
                FragmentTransaction fg = fm.beginTransaction();
                Bundle b = new Bundle();
                fg.replace(R.id.frameLayout,FirstFragment.class,b);
                fg.commit();
            }
        });
        b2.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                FragmentManager fm = getSupportFragmentManager();
                FragmentTransaction fg = fm.beginTransaction();
                Bundle b = new Bundle();
                fg.replace(R.id.frameLayout, SecondFragment.class, b);
                fg.commit();
        });
    }
// First Fragment
<?xml version="1.0" encoding="utf-8"?>
<FrameLayout xmlns:android="http://schemas.android.com/apk/res/android"</pre>
```

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=".FirstFragment">
    <androidx.constraintlayout.widget.ConstraintLayout</pre>
        android:layout width="match parent"
        android:layout height="match parent">
        <But.ton
            android:id="@+id/button4"
            android:layout width="wrap content"
            android:layout height="wrap content"
            android:text="Background"
            app:layout constraintBottom toBottomOf="parent"
            app:layout constraintEnd toEndOf="parent"
            app:layout_constraintStart toStartOf="parent"
            app:layout_constraintTop toTopOf="parent"
            app:layout constraintVertical bias="0.499" />
        <TextView
            android:id="@+id/textView2"
            android:layout width="216dp"
            android:layout height="84dp"
            android:text="Helllo"
            android:textSize="24sp"
            android:textStyle="bold"
            app:layout_constraintBottom toBottomOf="parent"
            app:layout constraintEnd toEndOf="parent"
            app:layout_constraintHorizontal bias="0.497"
            app:layout constraintStart toStartOf="parent"
            app:layout constraintTop toTopOf="parent"
            app:layout constraintVertical bias="0.678" />
    </androidx.constraintlayout.widget.ConstraintLayout>
</FrameLayout>
public void onViewCreated(View view, Bundle savedInstanceState) {
    // Setup any handles to view objects here
    Button v = (Button) view.findViewById(R.id.button4);
    TextView txt = view.findViewById(R.id.textView2);
    v.setOnClickListener(new View.OnClickListener()
        @Override
        public void onClick(View view)
            txt.setBackgroundColor(Color.RED);
    });
}
// Second Fragment
<?xml version="1.0" encoding="utf-8"?>
<FrameLayout xmlns:android="http://schemas.android.com/apk/res/android"</pre>
    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=".SecondFragment">
```

```
<androidx.constraintlayout.widget.ConstraintLayout</pre>
        android:layout width="match parent"
        android:layout height="match parent">
        <Button
            android:id="@+id/button3"
            android:layout width="wrap content"
            android:layout_height="wrap_content"
            android:text="Forecolor"
            app:layout_constraintBottom toBottomOf="parent"
            app:layout_constraintEnd toEndOf="parent"
            app:layout constraintStart toStartOf="parent"
            app:layout constraintTop toTopOf="parent"
            app:layout constraintVertical bias="0.428" />
        <TextView
            android:id="@+id/textView3"
            android:layout width="148dp"
            android:layout height="65dp"
            android:foregroundTint="#8BC34A"
            android:text="Helllo"
            android:textColor="#F44336"
            android:textSize="24sp"
            android:textStyle="bold"
            app:layout constraintBottom toBottomOf="parent"
            app:layout_constraintEnd toEndOf="parent"
            app:layout_constraintHorizontal bias="0.574"
            app:layout constraintStart toStartOf="parent"
            app:layout constraintTop toTopOf="parent"
            app:layout constraintVertical bias="0.644" />
    </androidx.constraintlayout.widget.ConstraintLayout>
</FrameLayout>
public void onViewCreated(View view, Bundle savedInstanceState) {
    // Setup any handles to view objects here
    Button v = (Button) view.findViewById(R.id.button3);
    TextView txt = view.findViewById(R.id.textView3);
    v.setOnClickListener(new View.OnClickListener()
        @Override
        public void onClick(View view)
                txt.setTextColor(getResources().getColor(R.color.black));
   });
}
```

2_fragement

Fragments

BACKGROUND

FORECOLOR

BACKGROUND

Helllo