**Date :- / /**

**Practical No :- 11**

**Practical Name :- Use fragments to develop UI. Demonstrate use of fragments.**

**Roll No :- 24**

* **CODE :-**

**Acitivity\_main.xml :-**

*<?*xml version="1.0" encoding="utf-8"*?>*<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:background="#168BC34A"  
 android:orientation="vertical"  
 tools:context=".MainActivity">  
  
 *<!-- Heading of the activity -->* <TextView  
 android:id="@+id/textView"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="20dp"  
 android:layout\_marginBottom="20dp"  
 android:fontFamily="@font/roboto"  
 android:text="@string/heading"  
 android:textAlignment="center"  
 android:textColor="@android:color/holo\_green\_light"  
 android:textSize="24sp"  
 android:textStyle="bold" />  
  
 *<!-- Button to display first fragment -->* <Button  
 android:id="@+id/button1"  
 android:layout\_width="fill\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="20dp"  
 android:layout\_marginEnd="20dp"  
 android:background="#4CAF50"  
 android:fontFamily="@font/roboto"  
 android:onClick="selectFragment"  
 android:text="@string/fragment1\_button"  
 android:textColor="@android:color/background\_light"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 *<!-- Button to display second fragment -->* <Button  
 android:id="@+id/button2"  
 android:layout\_width="fill\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="20dp"  
 android:layout\_marginTop="20dp"  
 android:layout\_marginEnd="20dp"  
 android:layout\_marginBottom="20dp"  
 android:background="#4CAF50"  
 android:fontFamily="@font/roboto"  
 android:onClick="selectFragment"  
 android:text="@string/fragment2\_button"  
 android:textColor="@android:color/background\_light"  
 android:textSize="18sp"  
 android:textStyle="bold" />  
  
 *<!-- Adding Fragment element in the activity -->* <fragment  
 android:id="@+id/fragment\_section"  
 android:name="com.example.fragment.fragment1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_marginStart="10dp"  
 android:layout\_marginEnd="10dp"  
 android:layout\_marginBottom="10dp"  
 tools:layout="@layout/fragment1" />  
  
</LinearLayout>

**fragment1.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:background="#5C52CC57"  
 android:orientation="vertical">  
  
 *<!-- Text to be displayed inside the Fragment -->* <TextView  
 android:id="@+id/textView1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_weight="1"  
 android:gravity="center"  
 android:text="@string/fragment1\_text1"  
 android:textAlignment="center"  
 android:textColor="@android:color/background\_light"  
 android:textSize="24sp"  
 android:textStyle="bold" />  
  
</LinearLayout>

* **OUTPUT :-**



