**Date :- / /**

**Practical No :- 08**

**Practical Name :- Demonstrate use of intents for any 3 native intents.**

**Roll No :- 24**

* **CODE :-**

**activity\_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>

**fragement1.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>

**fragement2.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="#5C3473A6"  
 android:orientation="vertical">  
  
 *<!-- Text to be displayed inside the Fragment -->* <TextView  
 android:id="@+id/textView2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:fontFamily="@font/roboto"  
 android:gravity="center"  
 android:text="@string/fragment2\_text1"  
 android:textAlignment="center"  
 android:textColor="@android:color/background\_light"  
 android:textSize="24sp"  
 android:textStyle="bold" />  
  
</LinearLayout>

**AndroidManifest.xml :-**

*<?*xml version="1.0" encoding="utf-8"*?>*<manifest xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools">  
  
 <application  
 android:allowBackup="true"  
 android:dataExtractionRules="@xml/data\_extraction\_rules"  
 android:fullBackupContent="@xml/backup\_rules"  
 android:icon="@mipmap/ic\_launcher"  
 android:label="@string/app\_name"  
 android:roundIcon="@mipmap/ic\_launcher\_round"  
 android:supportsRtl="true"  
 android:theme="@style/Theme.Fragment"  
 tools:targetApi="31">  
 <activity  
 android:name=".MainActivity"  
 android:exported="true">  
 <intent-filter>  
 <action android:name="android.intent.action.MAIN" />  
  
 <category android:name="android.intent.category.LAUNCHER" />  
 </intent-filter>  
  
 <meta-data  
 android:name="android.app.lib\_name"  
 android:value="" />  
 </activity>  
 </application>  
  
</manifest>

**MainActivity.java :-**

package com.example.fragment;  
  
import androidx.appcompat.app.AppCompatActivity;  
import android.os.Bundle;  
import android.view.View;  
import android.app.Fragment;  
import android.app.FragmentManager;  
import android.app.FragmentTransaction;  
import androidx.appcompat.app.AppCompatActivity;  
  
public class MainActivity extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 }  
  
 *// method for displaying the appropriate  
 // fragment according to the clicked button* public void selectFragment(View view) {  
 *// creating object for Fragment* Fragment fr;  
 *// displaying first fragment  
 // if button1 is clicked* if(view == findViewById(R.id.*button1*)) {  
 fr = new fragment1() ;  
 }  
  
 *// displaying second fragment  
 // if button2 is clicked* else {  
 fr = new fragment2() ;  
 }  
  
 FragmentManager fm = getFragmentManager();  
 *// fragment transaction to add or replace  
 // fragments while activity is running* FragmentTransaction fragmentTransaction = fm.beginTransaction();  
 fragmentTransaction.replace(R.id.*fragment\_section*, fr);  
 *// making a commit after the transaction  
 // to assure that the change is effective* fragmentTransaction.commit();  
 }  
}

**fragment1.java :-**

package com.example.fragment;  
  
import android.app.Fragment;  
import android.os.Bundle;  
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) {  
  
 *// inflating the layout of the fragment  
 // and returning the view component* return inflater.inflate(R.layout.*fragment1* , container, false);  
 }  
}

**fragment2.java :-**

package com.example.fragment;  
  
import android.app.Fragment;  
import android.os.Bundle;  
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) {  
  
 *// inflating the layout of the fragment  
 // and returning the view component* return inflater.inflate(R.layout.*fragment2* , container, false);  
 }  
}

* **OUTPUT :-**

 