2 act 2 frag:

Activit1.xml:

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout 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"  
 android:orientation="vertical">  
  
 <TextView  
 android:id="@+id/edit\_text"  
 android:text="welcome\_to\_activity\_one\_this\_contains\_a\_fragment\_that\_is\_shown\_below"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="50dp"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <LinearLayout  
 android:layout\_below="@+id/edit\_text"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical"  
 android:layout\_gravity="center\_horizontal"  
 android:id="@+id/frag1">  
 </LinearLayout>  
</RelativeLayout>

Act1.j:

package com.example.pract11;  
  
import android.os.Bundle;  
import androidx.appcompat.app.AppCompatActivity;  
  
public class MainActivity extends AppCompatActivity {  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 getSupportFragmentManager().beginTransaction().add(R.id.*frag1*, new FragmentOne()).commit();  
 }  
}

act2.xml:

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout 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=".MainActivity2"  
 android:orientation="vertical">  
  
 <TextView  
 android:id="@+id/edit\_text"  
 android:text="Welcome to activity two, this contains a fragment that is shown below"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginTop="50dp"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <LinearLayout  
 android:layout\_below="@+id/edit\_text"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical"  
 android:layout\_gravity="center\_horizontal"  
 android:id="@+id/frag2">  
  
 </LinearLayout>  
  
</RelativeLayout>

Act2.kj:

package com.example.pract11;  
  
import android.os.Bundle;  
  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.fragment.app.FragmentManager;  
import androidx.fragment.app.FragmentTransaction;  
  
public class MainActivity2 extends AppCompatActivity{  
 String name;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main2*);  
 name = getIntent().getStringExtra("name");  
 Bundle bundle = new Bundle();  
 bundle.putString("message", name);  
 *// Create a new fragment instance* FragmentTwo fragmentTwo = new FragmentTwo();  
 fragmentTwo.setArguments(bundle);  
 *// Add the fragment to the activity* FragmentManager fragmentManager = getSupportFragmentManager();  
 FragmentTransaction fragmentTransaction = fragmentManager.beginTransaction();  
 fragmentTransaction.add(R.id.*frag2*, fragmentTwo);  
 fragmentTransaction.commit();  
 }  
}

frag1.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:orientation="vertical"  
 android:layout\_height="match\_parent"  
 android:layout\_gravity="center\_horizontal"  
 tools:context=".FragmentOne">  
  
 <TextView  
 android:id="@+id/tv"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:textSize="25sp"  
 android:text="this\_is\_fragment\_one" />  
  
 <EditText  
 android:id="@+id/text"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/tv"  
 android:layout\_marginTop="10dp"  
 android:hint="enter\_your\_name\_here"  
 android:minHeight="48dp"  
 android:importantForAutofill="no"  
 tools:ignore="VisualLintTextFieldSize"  
 android:inputType="text" />  
  
 <Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/text"  
 android:text="Send data to another fragment on new activity"  
 android:id="@+id/send"  
 />  
  
</RelativeLayout>

Frag1.j:

package com.example.pract11;  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.Button;  
import android.widget.EditText;  
  
import androidx.fragment.app.Fragment;  
  
public class FragmentOne extends Fragment {  
 public FragmentOne() {  
 *// Required empty public constructor* }  
  
 @Override  
 public View onCreateView(LayoutInflater inflater, ViewGroup container,  
 Bundle savedInstanceState) {  
 *// Inflate the layout for this fragment* View view = inflater.inflate(R.layout.*fragment\_one*, container, false);  
 EditText editText = view.findViewById(R.id.*text*);  
 Button send = view.findViewById(R.id.*send*);  
 send.setOnClickListener(view1 -> {  
 String name = editText.getText().toString();  
 Intent i = new Intent(getActivity(), MainActivity2.class);  
 i.putExtra("name", name);  
 startActivity(i);  
 });  
 return view;  
 }  
  
}

frag2.xml:

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout 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"  
 tools:context=".FragmentTwo"  
 android:orientation="vertical"  
 android:layout\_gravity="center\_horizontal">  
  
 <TextView  
 android:id="@+id/tv2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="this\_is\_second\_fragment\_on\_a\_new\_activity" />  
  
 <TextView  
 android:layout\_below="@+id/tv2"  
 android:layout\_marginTop="5dp"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textSize="35sp"  
 android:id="@+id/value"  
 android:text="your\_name\_is"  
 tools:ignore="VisualLintBounds" />  
  
</RelativeLayout>

Frag2.j:

package com.example.pract11;  
import android.content.Context;  
import android.os.Bundle;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.TextView;  
  
import androidx.annotation.NonNull;  
import androidx.fragment.app.Fragment;  
  
  
public class FragmentTwo extends Fragment {  
 DataSender dataSender;  
  
 public FragmentTwo() {  
 *// Required empty public constructor* }  
  
  
  
 @Override  
 public View onCreateView(LayoutInflater inflater, ViewGroup container,  
 Bundle savedInstanceState) {  
 *// Inflate the layout for this fragment* View view = inflater.inflate(R.layout.*fragment\_two*, container, false);  
 String name = getArguments().getString("message");  
 TextView textView = view.findViewById(R.id.*value*);  
 textView.setText(name);  
 return view;  
 }  
}