## 📁 Contents of ./

📝 Java File: ./java/Fragment1.java

package com.example.a2021\_2022;  
  
import android.os.Bundle;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.Button;  
import android.widget.CheckBox;  
import android.widget.RadioGroup;  
import android.widget.TextView;  
import android.widget.Toast;  
import androidx.fragment.app.Fragment;  
  
public class Fragment1 extends Fragment {  
  
 private static final String ARG\_NAME = "name";  
 private static final String ARG\_DESTINATION = "destination";  
 private static final String ARG\_AIRLINE = "airline";  
  
 public static Fragment1 newInstance(String name, String destination, String airline) {  
 Fragment1 fragment = new Fragment1();  
 Bundle args = new Bundle();  
 args.putString(ARG\_NAME, name);  
 args.putString(ARG\_DESTINATION, destination);  
 args.putString(ARG\_AIRLINE, airline);  
 fragment.setArguments(args);  
 return fragment;  
 }  
  
 @Override  
 public View onCreateView(LayoutInflater inflater, ViewGroup container,  
 Bundle savedInstanceState) {  
 View view = inflater.inflate(R.layout.fragment1, container, false);  
  
 TextView infoTextView = view.findViewById(R.id.infoTextView);  
 RadioGroup classRadioGroup = view.findViewById(R.id.classRadioGroup);  
 CheckBox confirmCheckBox = view.findViewById(R.id.confirmCheckBox);  
 Button validateButton = view.findViewById(R.id.validateButton);  
  
 Bundle args = getArguments();  
 String name = args.getString(ARG\_NAME);  
 String destination = args.getString(ARG\_DESTINATION);  
 String airline = args.getString(ARG\_AIRLINE);  
  
 infoTextView.setText("Hello " + name + " your destination is " + destination + " with the company " + airline);  
  
 validateButton.setOnClickListener(v -> {  
 String selectedClass = "";  
 boolean isConfirmed = confirmCheckBox.isChecked();  
 int selectedId = classRadioGroup.getCheckedRadioButtonId();  
   
 if (isConfirmed && selectedId == -1) {  
 Toast.makeText(getContext(), "Please select a class", Toast.LENGTH\_SHORT).show();  
 return;  
 }  
   
 if (selectedId == R.id.businessRadioButton) {  
 selectedClass = "Business class";  
 } else if (selectedId == R.id.economicRadioButton) {  
 selectedClass = "Economic class";  
 }  
   
 Fragment fragment2 = Fragment2.newInstance(name, destination, airline, selectedClass, isConfirmed);  
 getParentFragmentManager().beginTransaction()  
 .replace(R.id.fragmentContainer, fragment2)  
 .addToBackStack(null)  
 .commit();  
 });  
  
 return view;  
 }  
}

📝 Java File: ./java/Fragment2.java

package com.example.a2021\_2022;  
  
import android.os.Bundle;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.Button;  
import android.widget.TextView;  
import androidx.fragment.app.Fragment;  
  
public class Fragment2 extends Fragment {  
  
 private static final String ARG\_NAME = "name";  
 private static final String ARG\_DESTINATION = "destination";  
 private static final String ARG\_AIRLINE = "airline";  
 private static final String ARG\_CLASS = "class";  
 private static final String ARG\_CONFIRMED = "confirmed";  
  
 public static Fragment2 newInstance(String name, String destination, String airline,   
 String flightClass, boolean confirmed) {  
 Fragment2 fragment = new Fragment2();  
 Bundle args = new Bundle();  
 args.putString(ARG\_NAME, name);  
 args.putString(ARG\_DESTINATION, destination);  
 args.putString(ARG\_AIRLINE, airline);  
 args.putString(ARG\_CLASS, flightClass);  
 args.putBoolean(ARG\_CONFIRMED, confirmed);  
 fragment.setArguments(args);  
 return fragment;  
 }  
  
 @Override  
 public View onCreateView(LayoutInflater inflater, ViewGroup container,  
 Bundle savedInstanceState) {  
 View view = inflater.inflate(R.layout.fragment2, container, false);  
  
 TextView welcomeTextView = view.findViewById(R.id.welcomeTextView);  
 Button closeButton = view.findViewById(R.id.closeButton);  
  
 Bundle args = getArguments();  
 boolean confirmed = args.getBoolean(ARG\_CONFIRMED);  
 String flightClass = args.getString(ARG\_CLASS);  
  
 if (confirmed) {  
 welcomeTextView.setText("Welcome, you are in " + flightClass);  
 } else {  
 welcomeTextView.setText("You have 24 hours to confirm");  
 }  
  
 closeButton.setOnClickListener(v -> {  
 ((MainActivity)requireActivity()).resetAndCloseFragments();  
 });  
  
 return view;  
 }  
}

📝 Java File: ./java/MainActivity.java

package com.example.a2021\_2022;  
  
import android.os.Bundle;  
import android.view.View;  
import android.widget.AdapterView;  
import android.widget.ArrayAdapter;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.Spinner;  
import android.widget.TextView;  
import android.widget.Toast;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.fragment.app.Fragment;  
import androidx.fragment.app.FragmentTransaction;  
import androidx.fragment.app.FragmentManager;  
  
public class MainActivity extends AppCompatActivity {  
  
 private EditText nameEditText;  
 private Spinner destinationSpinner;  
 private TextView airlineTextView;  
 private Button okButton;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.activity\_main);  
  
 nameEditText = findViewById(R.id.nameEditText);  
 destinationSpinner = findViewById(R.id.destinationSpinner);  
 airlineTextView = findViewById(R.id.airlineTextView);  
 okButton = findViewById(R.id.okButton);  
  
 // Define destinations array directly in Java  
 String[] destinations = {"None", "Beirut", "Paris", "Madrid"};  
  
 // Setup spinner with the Java array  
 ArrayAdapter<String> adapter = new ArrayAdapter<>(  
 this,  
 android.R.layout.simple\_spinner\_item,  
 destinations  
 );  
 adapter.setDropDownViewResource(android.R.layout.simple\_spinner\_dropdown\_item);  
 destinationSpinner.setAdapter(adapter);  
  
 destinationSpinner.setOnItemSelectedListener(new AdapterView.OnItemSelectedListener() {  
 @Override  
 public void onItemSelected(AdapterView<?> parent, View view, int position, long id) {  
 String selected = parent.getItemAtPosition(position).toString();  
 if (selected.equals("None")) {  
 airlineTextView.setVisibility(View.GONE);  
 } else {  
 String airline = "";  
 if (selected.equals("Beirut")) airline = "MEA";  
 else if (selected.equals("Paris")) airline = "Air France";  
 else if (selected.equals("Madrid")) airline = "Pegasus";  
   
 airlineTextView.setText("Company Airline: " + airline);  
 airlineTextView.setVisibility(View.VISIBLE);  
 }  
 }  
  
 @Override  
 public void onNothingSelected(AdapterView<?> parent) {  
 airlineTextView.setVisibility(View.GONE);  
 }  
 });  
  
 okButton.setOnClickListener(v -> {  
 String name = nameEditText.getText().toString().trim();  
 if (name.isEmpty()) {  
 Toast.makeText(this, "Please enter your name", Toast.LENGTH\_SHORT).show();  
 return;  
 }  
   
 String destination = destinationSpinner.getSelectedItem().toString();  
 if (destination.equals("None")) {  
 Toast.makeText(this, "Please select a destination", Toast.LENGTH\_SHORT).show();  
 return;  
 }  
 String airline = "";  
   
 if (destination.equals("Beirut")) airline = "MEA";  
 else if (destination.equals("Paris")) airline = "Air France";  
 else if (destination.equals("Madrid")) airline = "Pegasus";  
   
 Fragment fragment1 = Fragment1.newInstance(name, destination, airline);  
 FragmentTransaction transaction = getSupportFragmentManager().beginTransaction();  
 transaction.replace(R.id.fragmentContainer, fragment1);  
 transaction.addToBackStack(null);  
 transaction.commit();  
 });  
 }  
  
 // Add this method to MainActivity  
 public void resetAndCloseFragments() {  
 // Clear back stack  
 getSupportFragmentManager().popBackStack(null, FragmentManager.POP\_BACK\_STACK\_INCLUSIVE);  
   
 // Reset values  
 nameEditText.setText("");  
 destinationSpinner.setSelection(0);  
 airlineTextView.setVisibility(View.GONE);  
 }  
}

📋 XML File: ./xml/activity\_main.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"  
 android:padding="16dp">  
 <TextView android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Name:" />  
 <EditText android:id="@+id/nameEditText"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content" />  
 <TextView android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Destination:" />  
 <Spinner android:id="@+id/destinationSpinner"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content" />  
 <TextView android:id="@+id/airlineTextView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:visibility="gone" />  
 <Button android:id="@+id/okButton"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="OK" />  
 <FrameLayout android:id="@+id/fragmentContainer"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent" />  
</LinearLayout>

📋 XML File: ./xml/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:orientation="vertical"  
 android:padding="16dp">  
 <TextView android:id="@+id/infoTextView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content" />  
 <RadioGroup android:id="@+id/classRadioGroup"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content">  
 <RadioButton android:id="@+id/businessRadioButton"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Business Class" />  
 <RadioButton android:id="@+id/economicRadioButton"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Economic Class" />  
 </RadioGroup>  
 <CheckBox android:id="@+id/confirmCheckBox"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Confirm" />  
 <Button android:id="@+id/validateButton"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Validate" />  
</LinearLayout>

📋 XML File: ./xml/fragment2.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"  
 android:padding="16dp">  
 <TextView android:id="@+id/welcomeTextView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content" />  
 <Button android:id="@+id/closeButton"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Close" />  
</LinearLayout>