## 📁 Contents of ./

📝 Java File: ./java/Fragment1.java

package com.example.a2023\_2024;  
  
import android.app.Activity;  
import android.app.Fragment;  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.Button;  
  
public class Fragment1 extends Fragment {  
 @Override  
 public View onCreateView(LayoutInflater inflater, ViewGroup container, Bundle savedInstanceState) {  
 View view = inflater.inflate(R.layout.fragment1, container, false);  
  
 Button btnSignUp = view.findViewById(R.id.btnSignUp);  
 btnSignUp.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent intent = new Intent(getActivity(), SignupActivity.class);  
 startActivity(intent);  
 }  
 });  
  
 return view;  
 }  
}

📝 Java File: ./java/Fragment2.java

package com.example.a2023\_2024;  
  
import android.app.ListFragment;  
import android.os.Bundle;  
import android.widget.ArrayAdapter;  
  
import java.util.ArrayList;  
  
public class Fragment2 extends ListFragment {  
 private static final String ARG\_NAME = "name";  
 private static final String ARG\_APP\_TYPE = "appType";  
 private static final String ARG\_AGREEMENT = "agreement";  
  
 public static Fragment2 newInstance(String name, String appType, String agreement) {  
 Fragment2 fragment = new Fragment2();  
 Bundle args = new Bundle();  
 args.putString(ARG\_NAME, name);  
 args.putString(ARG\_APP\_TYPE, appType);  
 args.putString(ARG\_AGREEMENT, agreement);  
 fragment.setArguments(args);  
 return fragment;  
 }  
  
 @Override  
 public void onActivityCreated(Bundle savedInstanceState) {  
 super.onActivityCreated(savedInstanceState);  
  
 Bundle args = getArguments();  
 String name = args.getString(ARG\_NAME);  
 String appType = args.getString(ARG\_APP\_TYPE);  
 String agreement = args.getString(ARG\_AGREEMENT);  
  
 ArrayList<String> items = new ArrayList<>();  
 items.add(name);  
 items.add(appType);  
 items.add(agreement);  
  
 setListAdapter(new ArrayAdapter<>(getActivity(),   
 android.R.layout.simple\_list\_item\_1, items));  
 }  
}

📝 Java File: ./java/LoginActivity.java

package com.example.a2023\_2024;  
  
import android.app.Activity;  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.Toast;  
  
public class LoginActivity extends Activity {  
 private EditText etUsername;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.activity\_login);  
  
 etUsername = findViewById(R.id.etUsername);  
 Button btnOk = findViewById(R.id.btnOk);  
 Button btnCancel = findViewById(R.id.btnCancel);  
  
 btnOk.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 String username = etUsername.getText().toString().trim();  
 if (username.isEmpty()) {  
 Toast.makeText(LoginActivity.this, "Please enter username", Toast.LENGTH\_SHORT).show();  
 return;  
 }  
  
 Intent resultIntent = new Intent();  
 resultIntent.putExtra("username", username);  
 setResult(RESULT\_OK, resultIntent);  
 finish();  
 }  
 });  
  
 btnCancel.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 setResult(RESULT\_CANCELED);  
 finish();  
 }  
 });  
 }  
}

📝 Java File: ./java/MainActivity.java

package com.example.a2023\_2024;  
  
import android.app.Activity;  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.TextView;  
  
public class MainActivity extends Activity {  
 private TextView tvStatus;  
 private static final int LOGIN\_REQUEST = 1;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.activity\_main);  
  
 tvStatus = findViewById(R.id.tvStatus);  
 Button btnLogin = findViewById(R.id.btnLogin);  
  
 // Add SignUpFragment  
 getFragmentManager().beginTransaction()  
 .add(R.id.fragmentContainer, new Fragment1())  
 .commit();  
  
 btnLogin.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent intent = new Intent(MainActivity.this, LoginActivity.class);  
 startActivityForResult(intent, LOGIN\_REQUEST);  
 }  
 });  
 }  
  
 @Override  
 protected void onActivityResult(int requestCode, int resultCode, Intent data) {  
 super.onActivityResult(requestCode, resultCode, data);  
 if (requestCode == LOGIN\_REQUEST) {  
 if (resultCode == RESULT\_OK) {  
 String username = data.getStringExtra("username");  
 tvStatus.setText(username + " you are connected");  
 } else if (resultCode == RESULT\_CANCELED) {  
 tvStatus.setText("You are not connected");  
 }  
 }  
 }  
}

📝 Java File: ./java/SignupActivity.java

package com.example.a2023\_2024;  
  
import android.app.Activity;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.CheckBox;  
import android.widget.EditText;  
import android.widget.RadioButton;  
import android.widget.Toast;  
  
public class SignupActivity extends Activity {  
 private EditText etName;  
 private RadioButton rbMobile,rbWeb;  
 private CheckBox cbAgree;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.activity\_signup);  
  
 etName = findViewById(R.id.etName);  
 rbMobile = findViewById(R.id.rbMobile);  
 rbWeb = findViewById(R.id.rbWeb);  
 cbAgree = findViewById(R.id.cbAgree);  
 Button btnNext = findViewById(R.id.btnNext);  
  
 btnNext.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 String name = etName.getText().toString().trim();  
 if (name.isEmpty()) {  
 Toast.makeText(SignupActivity.this, "Please enter name", Toast.LENGTH\_SHORT).show();  
 return;  
 }  
  
 if (!rbMobile.isChecked() && !rbWeb.isChecked()) {  
 Toast.makeText(SignupActivity.this, "Please select app type", Toast.LENGTH\_SHORT).show();  
 return;  
 }  
  
 String appType = rbMobile.isChecked() ? "Mobile app" : "Web app";  
 String agreement = cbAgree.isChecked() ? "Agree" : "Not agree";  
  
 // Show the ListFragment  
 getFragmentManager().beginTransaction()  
 .replace(R.id.fragmentContainer, Fragment2.newInstance(name, appType, agreement))  
 .commit();  
 }  
 });  
 }  
}

📋 XML File: ./xml/activity\_login.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">  
 <EditText android:id="@+id/etUsername"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="Enter username" />  
 <LinearLayout android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="16dp"  
 android:orientation="horizontal">  
 <Button android:id="@+id/btnOk"  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:text="OK" />  
 <Button android:id="@+id/btnCancel"  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:text="Cancel" />  
 </LinearLayout>  
</LinearLayout>

📋 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">  
 <Button android:id="@+id/btnLogin"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Login" />  
 <TextView android:id="@+id/tvStatus"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="16dp"  
 android:textSize="18sp" />  
 <FrameLayout android:id="@+id/fragmentContainer"  
 android:layout\_width="match\_parent"  
 android:layout\_height="0dp"  
 android:layout\_weight="1" />  
</LinearLayout>

📋 XML File: ./xml/activity\_signup.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">  
 <EditText android:id="@+id/etName"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="Enter name" />  
 <RadioGroup android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="16dp">  
 <RadioButton android:id="@+id/rbMobile"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Mobile app" />  
 <RadioButton android:id="@+id/rbWeb"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Web app" />  
 </RadioGroup>  
 <CheckBox android:id="@+id/cbAgree"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="16dp"  
 android:text="I agree" />  
 <Button android:id="@+id/btnNext"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="16dp"  
 android:text="Next" />  
 <FrameLayout android:id="@+id/fragmentContainer"  
 android:layout\_width="match\_parent"  
 android:layout\_height="0dp"  
 android:layout\_weight="1"  
 android:layout\_marginTop="16dp" />  
</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">  
 <Button android:id="@+id/btnSignUp"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Sign Up" />  
</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">  
 <ListView android:id="@android:id/list"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent" />  
</LinearLayout>