## 📁 Contents of ./

📝 Java File: ./java/Fragment1.java

package com.example.tp3\_ex1;  
  
import android.os.Bundle;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.TextView;  
import android.os.Bundle;  
  
import androidx.annotation.NonNull;  
import androidx.annotation.Nullable;  
import androidx.fragment.app.Fragment;  
  
public class Fragment1 extends Fragment {  
  
 private TextView textViewMessage;  
  
 @Nullable  
 @Override  
 public View onCreateView(@NonNull LayoutInflater inflater, @Nullable ViewGroup container, @Nullable Bundle savedInstanceState) {  
 View view = inflater.inflate(R.layout.fragment\_main, container, false);  
 textViewMessage = view.findViewById(R.id.textViewMessage);  
  
 Bundle bundle = getArguments();  
 if (bundle != null) {  
 String message = bundle.getString("message");  
 textViewMessage.setText(message);  
 }  
  
 return view;  
 }  
  
}

📝 Java File: ./java/MainActivity.java

package com.example.tp3\_ex1;  
  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.fragment.app.FragmentTransaction;  
  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.FrameLayout;  
import android.widget.Toast;  
  
public class MainActivity extends AppCompatActivity {  
  
 private EditText editText;  
 private Button buttonShow;  
 private FrameLayout frameLayout;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.activity\_main);  
  
 editText = findViewById(R.id.editText);  
 buttonShow = findViewById(R.id.buttonShow);  
 frameLayout = findViewById(R.id.frameLayout);  
  
 buttonShow.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 String message = editText.getText().toString().trim();  
  
 if(message.isEmpty()){  
 Toast.makeText(MainActivity.this,"Enter a message",Toast.LENGTH\_SHORT).show();  
 return;  
 }  
  
 Fragment1 fragment1 = new Fragment1();  
 Bundle bundle = new Bundle();  
 bundle.putString("message", message);  
 fragment1.setArguments(bundle);  
  
 FragmentTransaction transaction = getSupportFragmentManager().beginTransaction();  
 transaction.replace(R.id.frameLayout, fragment1);  
 transaction.addToBackStack(null);  
 transaction.commit();  
 }  
 });  
 }  
}

📋 XML File: ./xml/activity\_main.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" android:padding="16dp" tools:context=".MainActivity">  
  
 <EditText android:id="@+id/editText" android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:hint="Enter text"/>  
  
 <Button android:id="@+id/buttonShow" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:layout\_below="@id/editText" android:layout\_marginTop="16dp" android:text="Show"/>  
  
 <FrameLayout android:id="@+id/frameLayout" android:layout\_width="match\_parent" android:layout\_height="match\_parent" android:layout\_below="@id/buttonShow" android:layout\_marginTop="16dp"/>  
</RelativeLayout>

📋 XML File: ./xml/fragment\_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:id="@+id/textViewMessage" android:layout\_width="match\_parent" android:layout\_height="wrap\_content" android:text="Message will appear here"/>  
  
</LinearLayout>