Activity\_main.xml

|  |
| --- |
| <?xml version="1.0" encoding="utf-8"?>  <LinearLayout 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"  android:gravity="center"  android:orientation="vertical"  android:padding="16dp"  tools:context="com.codinginflow.startactivityforresultexample.MainActivity">  <EditText  android:id="@+id/edit\_text\_number1"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:hint="Number 1"  android:inputType="number" />  <EditText  android:id="@+id/edit\_text\_number2"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:hint="Number 2"  android:inputType="number" />  <TextView  android:id="@+id/text\_view\_result"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="Result"  android:textSize="30sp" />  <Button  android:id="@+id/button\_open\_activity2"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:text="open activity 2" />  </LinearLayout> |

Activity\_2.xml

|  |
| --- |
| <?xml version="1.0" encoding="utf-8"?>  <LinearLayout 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"  android:gravity="center"  android:orientation="vertical"  android:padding="16dp"  tools:context="com.codinginflow.startactivityforresultexample.Activity2">  <TextView  android:id="@+id/text\_view\_numbers"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="Numbers: "  android:textSize="30sp" />  <Button  android:id="@+id/button\_add"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:text="add" />  <Button  android:id="@+id/button\_subtract"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:text="subtract" />  </LinearLayout> |

MainActivity.java

|  |
| --- |
| package com.codinginflow.startactivityforresultexample;  import android.content.Intent;  import android.support.v7.app.AppCompatActivity;  import android.os.Bundle;  import android.view.View;  import android.widget.Button;  import android.widget.EditText;  import android.widget.TextView;  import android.widget.Toast;  public class MainActivity extends AppCompatActivity {  private TextView mTextViewResult;  private EditText mEditTextNumber1;  private EditText mEditTextNumber2;  @Override  protected void onCreate(Bundle savedInstanceState) {  super.onCreate(savedInstanceState);  setContentView(R.layout.activity\_main);  mTextViewResult = findViewById(R.id.text\_view\_result);  mEditTextNumber1 = findViewById(R.id.edit\_text\_number1);  mEditTextNumber2 = findViewById(R.id.edit\_text\_number2);  Button buttonOpenActivity2 = findViewById(R.id.button\_open\_activity2);  buttonOpenActivity2.setOnClickListener(new View.OnClickListener() {  @Override  public void onClick(View v) {  if (mEditTextNumber1.getText().toString().equals("")  || mEditTextNumber2.getText().toString().equals("")) {  Toast.makeText(MainActivity.this, "Please insert numbers", Toast.LENGTH\_SHORT).show();  } else {  int number1 = Integer.parseInt(mEditTextNumber1.getText().toString());  int number2 = Integer.parseInt(mEditTextNumber2.getText().toString());  Intent intent = new Intent(MainActivity.this, Activity2.class);  intent.putExtra("number1", number1);  intent.putExtra("number2", number2);  startActivityForResult(intent, 1);  }  }  });  }  @Override  protected void onActivityResult(int requestCode, int resultCode, Intent data) {  super.onActivityResult(requestCode, resultCode, data);  if (requestCode == 1) {  if (resultCode == RESULT\_OK) {  int result = data.getIntExtra("result", 0);  mTextViewResult.setText("" + result);  }  if (resultCode == RESULT\_CANCELED) {  mTextViewResult.setText("Nothing selected");  }  }  }  } |

Activity2.java

|  |
| --- |
| package com.codinginflow.startactivityforresultexample;  import android.content.Intent;  import android.support.v7.app.AppCompatActivity;  import android.os.Bundle;  import android.view.View;  import android.widget.Button;  import android.widget.EditText;  import android.widget.TextView;  import android.widget.Toast;  public class MainActivity extends AppCompatActivity {  private TextView mTextViewResult;  private EditText mEditTextNumber1;  private EditText mEditTextNumber2;  @Override  protected void onCreate(Bundle savedInstanceState) {  super.onCreate(savedInstanceState);  setContentView(R.layout.activity\_main);  mTextViewResult = findViewById(R.id.text\_view\_result);  mEditTextNumber1 = findViewById(R.id.edit\_text\_number1);  mEditTextNumber2 = findViewById(R.id.edit\_text\_number2);  Button buttonOpenActivity2 = findViewById(R.id.button\_open\_activity2);  buttonOpenActivity2.setOnClickListener(new View.OnClickListener() {  @Override  public void onClick(View v) {  if (mEditTextNumber1.getText().toString().equals("")  || mEditTextNumber2.getText().toString().equals("")) {  Toast.makeText(MainActivity.this, "Please insert numbers", Toast.LENGTH\_SHORT).show();  } else {  int number1 = Integer.parseInt(mEditTextNumber1.getText().toString());  int number2 = Integer.parseInt(mEditTextNumber2.getText().toString());  Intent intent = new Intent(MainActivity.this, Activity2.class);  intent.putExtra("number1", number1);  intent.putExtra("number2", number2);  startActivityForResult(intent, 1);  }  }  });  }  @Override  protected void onActivityResult(int requestCode, int resultCode, Intent data) {  super.onActivityResult(requestCode, resultCode, data);  if (requestCode == 1) {  if (resultCode == RESULT\_OK) {  int result = data.getIntExtra("result", 0);  mTextViewResult.setText("" + result);  }  if (resultCode == RESULT\_CANCELED) {  mTextViewResult.setText("Nothing selected");  }  }  }  } |