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:id="@+id/activity\_main"**

**android:layout\_width="match\_parent"**

**android:layout\_height="match\_parent"**

**android:paddingBottom="@dimen/activity\_vertical\_margin"**

**android:paddingLeft="@dimen/activity\_horizontal\_margin"**

**android:paddingRight="@dimen/activity\_horizontal\_margin"**

**android:paddingTop="@dimen/activity\_vertical\_margin"**

**tools:context=".MainActivity"**>

<**TextView**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:text="Hello World!"**

**android:id="@+id/msg1"**/>

<**Button**

**android:layout\_width="match\_parent"**

**android:layout\_height="wrap\_content"**

**android:layout\_marginTop="100dp"**

**android:text="go"**

**android:onClick="pass"**

/>

</**RelativeLayout**>

MainActivity.java

**package** com.example.jevitha.a15\_2\_intent\_return\_data\_from\_activity2;

**import** android.content.Intent;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.view.View;

**import** android.widget.EditText;

**import** android.widget.TextView;

**public class** MainActivity **extends** AppCompatActivity {

TextView **t1**;

**final int MYREQUEST** = 11;

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_main***);

**t1**=(TextView) findViewById(R.id.***msg1***);

}

**public void** pass(View v)

{

Intent i=**new** Intent(**this**,success.**class**);

i.putExtra(**"name"**,**"hellooooo welcome to the second screen"**);

startActivityForResult(i,**MYREQUEST**);

}

@Override

**protected void** onActivityResult(**int** requestCode, **int** resultCode, Intent data) {

**super**.onActivityResult(requestCode, resultCode, data);

**if**(requestCode==**MYREQUEST**)

{

**if**(resultCode == ***RESULT\_OK***) {

String str = data.getStringExtra(**"msg"**);

**t1**.setText(**"Received Ok : "** + str);

}

*// Try out uncommenting the code below.*

*// else if(resultCode == RESULT\_CANCELED){*

*// String str = data.getStringExtra("msg");*

*// t1.setText("Received Cancelled : "+str);*

*// }*

*// else {*

*// String str = data.getStringExtra("msg");*

*// str = str.concat(" " + String.valueOf(resultCode));*

*// t1.setText("Received : " + str);*

*// }*

}

}

}

Activity\_success.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:id="@+id/activity\_success"**

**android:layout\_width="match\_parent"**

**android:layout\_height="match\_parent"**

**android:paddingBottom="@dimen/activity\_vertical\_margin"**

**android:paddingLeft="@dimen/activity\_horizontal\_margin"**

**android:paddingRight="@dimen/activity\_horizontal\_margin"**

**android:paddingTop="@dimen/activity\_vertical\_margin"**

**tools:context=".success"**>

<**EditText**

**android:layout\_width="match\_parent"**

**android:layout\_height="wrap\_content"**

**android:layout\_marginTop="50dp"**

**android:id="@+id/msg"**

**android:text="test"**

/>

<**Button**

**android:layout\_width="match\_parent"**

**android:layout\_height="wrap\_content"**

**android:onClick="passmsg"**

**android:text="back"**

**android:layout\_marginTop="100dp"**

/>

</**RelativeLayout**>

Success.java

**package** com.example.jevitha.a15\_2\_intent\_return\_data\_from\_activity2;

**import** android.content.Intent;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.view.View;

**import** android.widget.EditText;

**import** android.widget.Toast;

**public class** success **extends** AppCompatActivity {

EditText **t1**;

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_success***);

**t1**=(EditText)findViewById(R.id.***msg***);

Bundle b=getIntent().getExtras();

String name=b.getString(**"name"**);

Toast.*makeText*(**this**,name,Toast.***LENGTH\_SHORT***).show();

}

**public void** passmsg(View v)

{

String str=**t1**.getText().toString();

Intent i=**new** Intent();

i.putExtra(**"msg"**,str);

*// result code should be RESULT\_OK or RESULT\_CANCELLED depending on the usecase*

*// generally any integer will work*

setResult(***RESULT\_OK***,i);

*// comment out the above line and try uncommenting the code below.*

*// if(Integer.valueOf(str) < 0)*

*// setResult(RESULT\_OK,i);*

*// else if (Integer.valueOf(str) > 1)*

*// setResult(RESULT\_CANCELED,i);*

finish();

}

}