*Activity\_main.xml*

*<?***xml version="1.0" encoding="utf-8"***?>*

<**RelativeLayout 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"**

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

<**TextView**

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

**android:layout\_width="91dp"**

**android:layout\_height="30dp"**

**android:layout\_alignParentStart="true"**

**android:layout\_alignParentTop="true"**

**android:layout\_marginStart="20dp"**

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

**android:text="Enter name"** />

<**EditText**

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

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

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

**android:layout\_alignParentEnd="true"**

**android:layout\_alignParentTop="true"**

**android:layout\_marginEnd="33dp"**

**android:layout\_marginTop="42dp"**

**android:ems="10"**

**android:inputType="textPersonName"** />

<**Button**

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

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

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

**android:layout\_alignParentStart="true"**

**android:layout\_alignParentTop="true"**

**android:layout\_marginStart="111dp"**

**android:layout\_marginTop="134dp"**

**android:text="SAVE"** />

<**TextView**

**android:id="@+id/textView2"**

**android:layout\_width="287dp"**

**android:layout\_height="68dp"**

**android:layout\_alignParentStart="true"**

**android:layout\_alignParentTop="true"**

**android:layout\_marginStart="30dp"**

**android:layout\_marginTop="224dp"** />

</**RelativeLayout**>

**package** com.example.archana.a12\_explicit\_intent\_data;

**import** android.content.Intent;

**import** android.graphics.Color;

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

**import** android.os.Bundle;

**import** android.util.Log;

**import** android.view.View;

**import** android.widget.Button;

**import** android.widget.EditText;

**import** android.widget.TextView;

**public class** MainActivity **extends** AppCompatActivity **implements**

View.OnClickListener{

EditText **et1**;

TextView **tv**;

Button **b1**;

@Override

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

**super**.onCreate(savedInstanceState);

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

**et1** = findViewById(R.id.***editText***);

**tv** = findViewById(R.id.***textView2***);

**b1** = findViewById(R.id.***button***);

**b1**.setOnClickListener(**this**);

}

**public void** onActivityResult(**int** reqcode,

**int** rescode, Intent data)

{

**super**.onActivityResult(reqcode,rescode,data);

**if**(reqcode == 5)

{

**if** (rescode == ***RESULT\_OK***)

{

String id = data.getStringExtra(**"id"**);

**tv**.setText(**"YOUR ID is : "**+id.toString());

**tv**.setTextSize(15);

**tv**.setTextColor(Color.***RED***);

}

*// if(rescode == RESULT\_CANCELED)*

*// {*

*//*

*// }*

}

}

@Override

**public void** onClick(View view) {

Intent i = **new** Intent

(MainActivity.**this**,

Activity2.**class**);

i.putExtra(**"name"**,**et1**.getText().toString());

startActivityForResult(i,5);

}

}

*Activity\_2.xml*

*<?***xml version="1.0" encoding="utf-8"***?>*

<**RelativeLayout 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"**

**tools:context=".Activity2"**>

<**TextView**

**android:id="@+id/textView3"**

**android:layout\_width="227dp"**

**android:layout\_height="52dp"**

**android:layout\_alignParentStart="true"**

**android:layout\_alignParentTop="true"**

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

**android:layout\_marginTop="49dp"**

**android:textSize="15dp"**

/>

<**Button**

**android:id="@+id/button2"**

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

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

**android:layout\_alignParentStart="true"**

**android:layout\_alignParentTop="true"**

**android:layout\_marginStart="128dp"**

**android:layout\_marginTop="179dp"**

**android:text="Button"** />

<**TextView**

**android:id="@+id/textView4"**

**android:layout\_width="224dp"**

**android:layout\_height="41dp"**

**android:layout\_alignParentStart="true"**

**android:layout\_alignParentTop="true"**

**android:layout\_marginStart="51dp"**

**android:layout\_marginTop="124dp"**

**android:text="Click the button to get your ID"**

**android:textSize="15dp"**/>

</**RelativeLayout**>

**package** com.example.archana.a12\_explicit\_intent\_data;

**import** android.content.Intent;

**import** android.graphics.Color;

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

**import** android.os.Bundle;

**import** android.util.Log;

**import** android.view.View;

**import** android.widget.Button;

**import** android.widget.EditText;

**import** android.widget.TextView;

**import** java.util.Random;

**public class** Activity2 **extends** AppCompatActivity {

TextView **tv**;

Button **b1**;

@Override

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

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_2***);

**tv** = findViewById(R.id.***textView3***);

Bundle b = getIntent().getExtras();

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

**tv** .setText(**"Welcome :"**+n);

**tv**.setTextSize(15);

**tv**.setTextColor(Color.***RED***);

**b1** = findViewById(R.id.***button2***);

**b1**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View view) {

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

i.putExtra(**"id"**,**"110"**);

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

finish();

}

});

}

}