LAB4 593021296-1

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"**>  
  
  
 <**Button  
 android:id="@+id/button\_second"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerInParent="true"  
 android:paddingBottom="24dp"  
 android:paddingLeft="48dp"  
 android:paddingRight="48dp"  
 android:paddingTop="24dp"  
 android:text="GO TO NEXT ACTIVITY"  
 tools:layout\_editor\_absoluteX="71dp"  
 tools:layout\_editor\_absoluteY="239dp"** />  
  
 <**EditText  
 android:id="@+id/edit\_text"  
 android:layout\_width="202dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_above="@+id/button\_second"  
 android:layout\_centerHorizontal="true"** />  
  
</**RelativeLayout**>

Main Activity.Java

**package** com.myweb.lab4;  
  
**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;  
  
**public class** MainActivity **extends** AppCompatActivity {  
 EditText **editText**;  
 Button **buttonSecond**;  
 String **string**;  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
 Button buttonSecond = findViewById(R.id.***button\_second***);  
 **editText** = findViewById(R.id.***edit\_text***);  
  
 buttonSecond.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
  
 Intent intent = **new** Intent(MainActivity.**this**,SecondActivity.**class**);  
  
 **string** = **string**.*valueOf*(**editText**.getText());  
 intent.putExtra(**"name"**,**string**);  
 startActivity(intent);  
 }  
 });  
  
  
 }  
}

activity\_second.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=".SecondActivity"**>  
  
 <**TextView  
 android:id="@+id/text\_View"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textSize="36dp"  
 android:layout\_marginTop="32dp"  
 android:layout\_alignParentTop="true"  
 android:layout\_centerHorizontal="true"**/>  
  
 <**Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/button\_back"  
 android:text="Back"  
 android:paddingTop="24dp"  
 android:paddingBottom="24dp"  
 android:paddingLeft="48dp"  
 android:layout\_centerHorizontal="true"  
 android:layout\_centerVertical="true"** />  
  
</**RelativeLayout**>

SecondActivity.java

**package** com.myweb.lab4;  
  
**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;  
  
**public class** SecondActivity **extends** AppCompatActivity {  
  
 TextView **textView**;  
 Button **buttonback**;  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_second***);  
  
 **buttonback** = findViewById(R.id.***button\_back***);  
 **textView** = findViewById(R.id.***text\_View***);  
  
 Bundle bundle =getIntent().getExtras();  
 **if** (bundle !=**null**) {  
 String name = bundle.getString(**"name"**);  
 **textView**.setText(String.*format*(**"%s"**,name));  
 }  
 **buttonback**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Intent intent = **new** Intent(SecondActivity.**this**,MainActivity.**class**);  
 startActivity(intent);  
 finish();  
 }  
 });  
 }  
}



