**Activity\_Intent LAB2**

**2012323242\_박재성**

**<activity\_main.xml file>**

*<?***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"** >  
  
 **//Create name EditText**  
 <**EditText  
 android:id="@+id/editText1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="이름"**/>  
  
 **//Create age EditText**  
 <**EditText  
 android:id="@+id/editText2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="나이"**/>  
  
 **//Create '추가' button1**  
 <**Button  
 android:id="@+id/button1"  
 android:layout\_gravity="center"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="추가"**/>  
  
</**LinearLayout**>

**<MainActivity.java>**

**package** org.androidtown.lab2;  
  
**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;  
  
**public class** MainActivity **extends** AppCompatActivity {  
  
 **// Create variable Edit Text Name and Age, Button button1**EditText **Name**;  
 EditText **Age**;  
 Button **button1**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
  
 **//Find each view through each id's name.****Name** = (EditText) findViewById(R.id.***editText1***);  
 **Age** = (EditText) findViewById(R.id.***editText2***);  
 **button1** = (Button) findViewById(R.id.***button1***);  
  
 **//If you click button1,then it happen the event.****button1**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view) {  
  
 **//Assign value that input string in name and age.**String name = **Name**.getText().toString();  
 String age = **Age**.getText().toString();  
  
 **// Change Main Activity into NewActivity in screen through intent.**Intent intent = **new** Intent(getApplicationContext(), NewActivity.**class**);  
  
 **// Send data values that name and age .**intent.putExtra(**"loginName"**, name);  
 intent.putExtra(**"loginAge"**, age);  
 startActivity(intent);  
 }  
 });  
  
 }  
}

**<activity\_new.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"**>  
  
 **//Create '닫기' button2**  
 <**Button  
 android:id="@+id/button2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center"  
 android:text="닫기"** />  
</**LinearLayout**>

**<NewActivity.java>**

**package** org.androidtown.lab2;  
  
**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.Toast;  
  
**public class** NewActivity **extends** AppCompatActivity {  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_new***);  
  
 **//Get Passed intent value.**Intent passedIntent = getIntent();  
  
 **//If passedIntent have intent value, assign to string variables intent's string name value and string age value.****if** (passedIntent != **null**) {  
 String loginName = passedIntent.getStringExtra(**"loginName"**);  
 String loginAge = passedIntent.getStringExtra(**"loginAge"**);  
 **//Show student info value in screen.**Toast.*makeText*(getApplication(), **"Student info : "** + loginName + **", "** + loginAge, Toast.***LENGTH\_LONG***).show();  
 }  
  
 **//If click button2, finish NewActivity.**Button button2 = (Button) findViewById(R.id.***button2***);  
 button2.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view) {  
 finish();  
 }  
 });  
  
 }  
}

**Github\_ address : https://github.com/pjs3065/MobileEx/tree/master/LAB2**