MainActivity.java

import android.os.Bundle;

import android.app.Activity;

import android.view.View;

import android.widget.Button;

import android.widget.CheckBox;

import android.widget.Toast;

public class MainActivity extends Activity {

private CheckBox checkBoxCcpp;

private CheckBox checkBoxCsharp;

private CheckBox checkBoxJava;

private Button buttonShowResult;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

this.checkBoxCcpp = findViewById(R.id.checkBox1);

this.checkBoxCsharp = findViewById(R.id.checkBox2);

this.checkBoxJava = findViewById(R.id.checkBox3);

this.buttonShowResult = findViewById(R.id.button1);

this.buttonShowResult.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

showResult();

}

});

}

private void showResult() {

String message = null;

if (this.checkBoxCcpp.isChecked()) {

message = this.checkBoxCcpp.getText().toString();

}

if (this.checkBoxCsharp.isChecked()) {

if (message == null) {

message = this.checkBoxCsharp.getText().toString();

} else {

message += ", " + this.checkBoxCsharp.getText().toString();

}

}

if (this.checkBoxJava.isChecked()) {

if (message == null) {

message = this.checkBoxJava.getText().toString();

} else {

message += ", " + this.checkBoxJava.getText().toString();

}

}

message = (message == null) ? "You selected nothing" : "You have selected: " + message;

Toast.makeText(this, message, Toast.LENGTH\_LONG).show();

}

}

// Main\_activity.xml

<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:tools="http://schemas.android.com/tools"

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:id="@+id/textView1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentLeft="true"

android:layout\_alignParentTop="true"

android:layout\_marginLeft="70dp"

android:layout\_marginTop="56dp"

android:text="@string/TV" />

<CheckBox

android:id="@+id/checkBox1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignRight="@+id/textView1"

android:layout\_below="@+id/textView1"

android:layout\_marginTop="64dp"

android:text="@string/CB1" />

<CheckBox

android:id="@+id/checkBox2"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignRight="@+id/checkBox1"

android:layout\_below="@+id/checkBox1"

android:text="@string/CB3" />

<CheckBox

android:id="@+id/checkBox3"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignLeft="@+id/textView1"

android:layout\_centerVertical="true"

android:text="@string/CB2" />

<Button

android:id="@+id/button1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignRight="@+id/checkBox3"

android:layout\_below="@+id/checkBox3"

android:text="@string/BUT" />

</RelativeLayout>

// strings.xml

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

<resources>

<string name="app\_name">aswincheckbox</string>

<string name="action\_settings">Settings</string>

<string name="hello\_world">Hello world!</string>

<string name="TV">Select the course</string>

<string name="CB1">BCA</string>

<string name="CB2">BSC CS</string>

<string name="CB3">BSC IT</string>

<string name="BUT">Submit</string>

</resources>