// Main\_activity.java

import android.os.Bundle;

import android.app.Activity;

import android.view.View;

import android.widget.Button;

import android.widget.RadioButton;

import android.widget.Toast;

public class MainActivity extends Activity {

private RadioButton select1;

private RadioButton select2;

private RadioButton select3;

private Button resultButton;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

// Initializing RadioButtons

select1 = findViewById(R.id.radioButton1);

select2 = findViewById(R.id.radioButton2);

select3 = findViewById(R.id.radioButton3);

// Initializing Button

resultButton = findViewById(R.id.button1);

// Set OnClickListener on the Button

resultButton.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

showResult();

}

});

}

private void showResult() {

String message = null;

// Checking which RadioButton is selected

if (select1.isChecked()) {

message = select1.getText().toString();

} else if (select2.isChecked()) {

message = select2.getText().toString();

} else if (select3.isChecked()) {

message = select3.getText().toString();

}

// Setting message if no option is selected

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

// Displaying a Toast message

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

}

}

/// activity\_main.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="94dp"

android:layout\_marginTop="80dp"

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

<RadioButton

android:id="@+id/radioButton1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

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

android:layout\_centerHorizontal="true"

android:layout\_marginTop="32dp"

android:text="@string/RB1" />

<RadioButton

android:id="@+id/radioButton2"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignRight="@+id/radioButton1"

android:layout\_below="@+id/radioButton1"

android:layout\_marginTop="16dp"

android:text="@string/RB2" />

<RadioButton

android:id="@+id/radioButton3"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignRight="@+id/radioButton2"

android:layout\_below="@+id/radioButton2"

android:layout\_marginTop="20dp"

android:text="@string/RB3" />

<Button

android:id="@+id/button1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_below="@+id/radioButton3"

android:layout\_toRightOf="@+id/radioButton3"

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

</RelativeLayout>

//Strings.Xml

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

<resources>

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

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

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

<string name="TV">Select the pass out year</string>

<string name="RB1">2024</string>

<string name="RB2">2025</string>

<string name="RB3">2026</string>

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

</resources>