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

<LinearLayout 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"

android:orientation="vertical"

tools:context=".MainActivity">

<CheckBox

android:id="@+id/chekapple"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Apple"

tools:layout\_editor\_absoluteX="16dp"

tools:layout\_editor\_absoluteY="157dp" />

<CheckBox

android:id="@+id/chkorange"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:text="Orange" />

<CheckBox

android:id="@+id/chkgrapes"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:text="Grapes" />

<TextView

android:id="@+id/tvres"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:text="" />

<RadioGroup

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:orientation="horizontal">

<RadioButton

android:id="@+id/rdmale"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Male" />

<RadioButton

android:id="@+id/rdfemale"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Female" />

</RadioGroup>

<ToggleButton

android:id="@+id/tgonoff"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:textOn="ON"

android:textOff="OFF"/>

<Switch

android:id="@+id/swone"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:textOn="ON"

android:textOff="OFF"

android:text="Are You Indian" />

<Spinner

android:id="@+id/country"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:entries="@array/list"

/>

<Button

android:id="@+id/click"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:src="@drawable/n2"

android:text="Display" />

<ImageView

android:id="@+id/img"

android:layout\_width="match\_parent"

android:layout\_height="100dp"

android:src="@drawable/nature"

android:contentDescription="nature" />

</LinearLayout>

package com.example.box;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.CheckBox;

import android.widget.ImageView;

import android.widget.RadioButton;

import android.widget.Spinner;

import android.widget.Switch;

import android.widget.TextView;

import android.widget.Toast;

import android.widget.ToggleButton;

public class MainActivity extends AppCompatActivity {

CheckBox apple,orange,grapes;

String chkstr="",chkstr1="",chkstr2="";

RadioButton male,female;

ToggleButton tg;

Switch sw;

Spinner sp;

Button btclick;

ImageView img;

TextView res;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

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

apple=(CheckBox) findViewById(R.id.*chekapple*);

orange=(CheckBox) findViewById(R.id.*chkorange*);

grapes=(CheckBox)findViewById(R.id.*chkgrapes*);

res=(TextView) findViewById(R.id.*tvres*);

male=(RadioButton)findViewById(R.id.*rdmale*) ;

female=(RadioButton)findViewById(R.id.*rdfemale*);

tg=(ToggleButton)findViewById(R.id.*tgonoff*);

sw=(Switch)findViewById(R.id.*swone*);

sp=(Spinner)findViewById(R.id.*country*);

btclick=(Button)findViewById(R.id.*click*) ;

img=(ImageView)findViewById(R.id.*img*) ;

apple.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

if(apple.isChecked())

chkstr=apple.getText().toString();

else

chkstr="";

res.setText(chkstr+chkstr1+chkstr2);

}

});

orange.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

if(orange.isChecked())

chkstr1=orange.getText().toString();

else

chkstr1="";

res.setText(chkstr+chkstr1+chkstr2);

}

});

grapes.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

if(grapes.isChecked())

chkstr2=grapes.getText().toString();

else

chkstr2="";

res.setText(chkstr+chkstr1+chkstr2);

}

});

male.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

Toast t= Toast.*makeText*(getApplicationContext(),"male",Toast.*LENGTH\_SHORT*);

t.show();

}

});

female.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

Toast t=Toast.*makeText*(getApplicationContext(),"female",Toast.*LENGTH\_SHORT*);

t.show();

}

});

tg.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

if (tg.isChecked()) {

Toast t = Toast.*makeText*(getApplicationContext(), tg.getTextOn(), Toast.*LENGTH\_SHORT*);

t.show();

} else

Toast.*makeText*(getApplicationContext(), tg.getTextOff(), Toast.*LENGTH\_SHORT*).show();

}

});

sw.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

if(sw.isChecked()) {

Toast t=Toast.*makeText*(getApplicationContext(),sw.getTextOn(),Toast.*LENGTH\_SHORT*);

t.show();

}

else

Toast.*makeText*(getApplicationContext(),sw.getTextOff(),Toast.*LENGTH\_SHORT*).show();

}

});

btclick.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

Toast.*makeText*(getApplicationContext(),sp.getSelectedItem().toString(),Toast.*LENGTH\_SHORT*).show();

img.setImageResource(R.drawable.*n2*);

}

});

}

}

<resources>

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

<string-array name="list">

<item>INDIA</item>

<item>USA</item>

<item>UK</item>

</string-array>

</resources>

