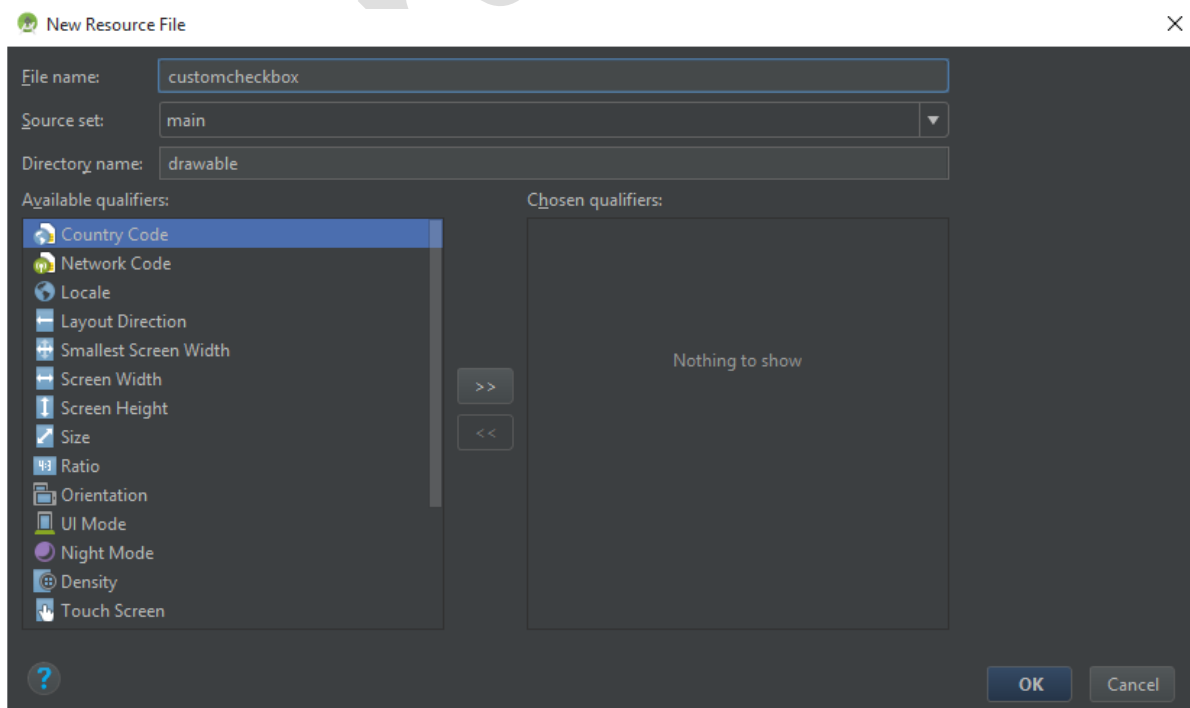
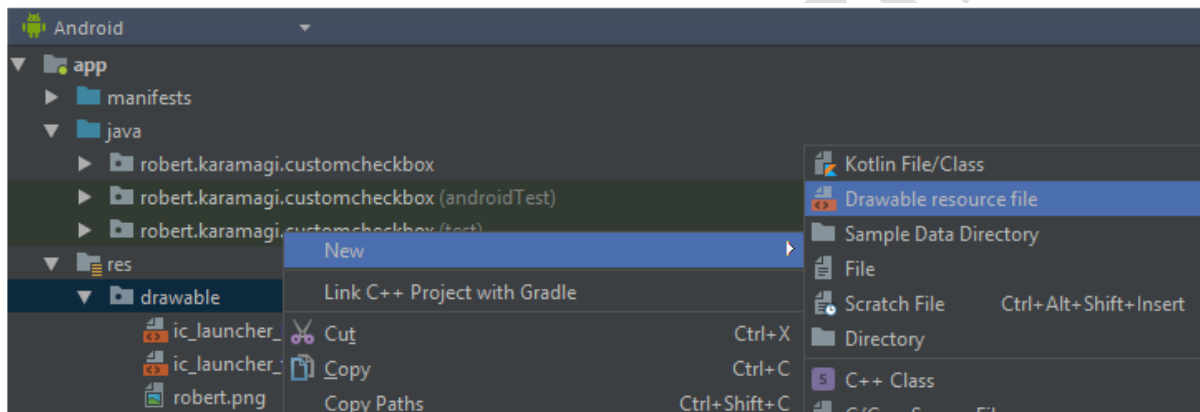


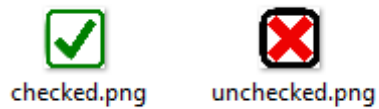


CUSTOM CHECK BOX IN ANDROID STUDIO

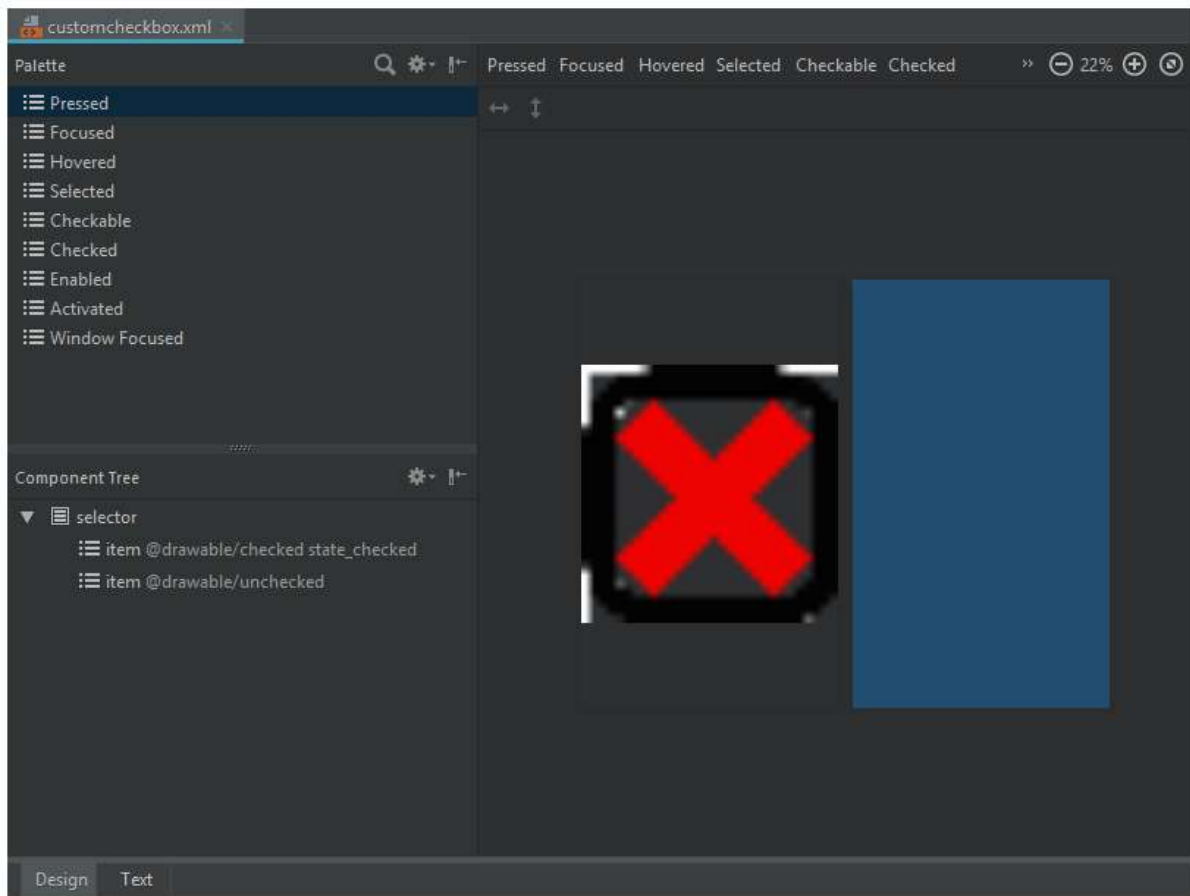
In the app\res\drawable folder select New -> Drawable resource file to make the xml file for the custom selection.



Add images for the checked and unchecked appearance of your custom check box in the drawable folder.



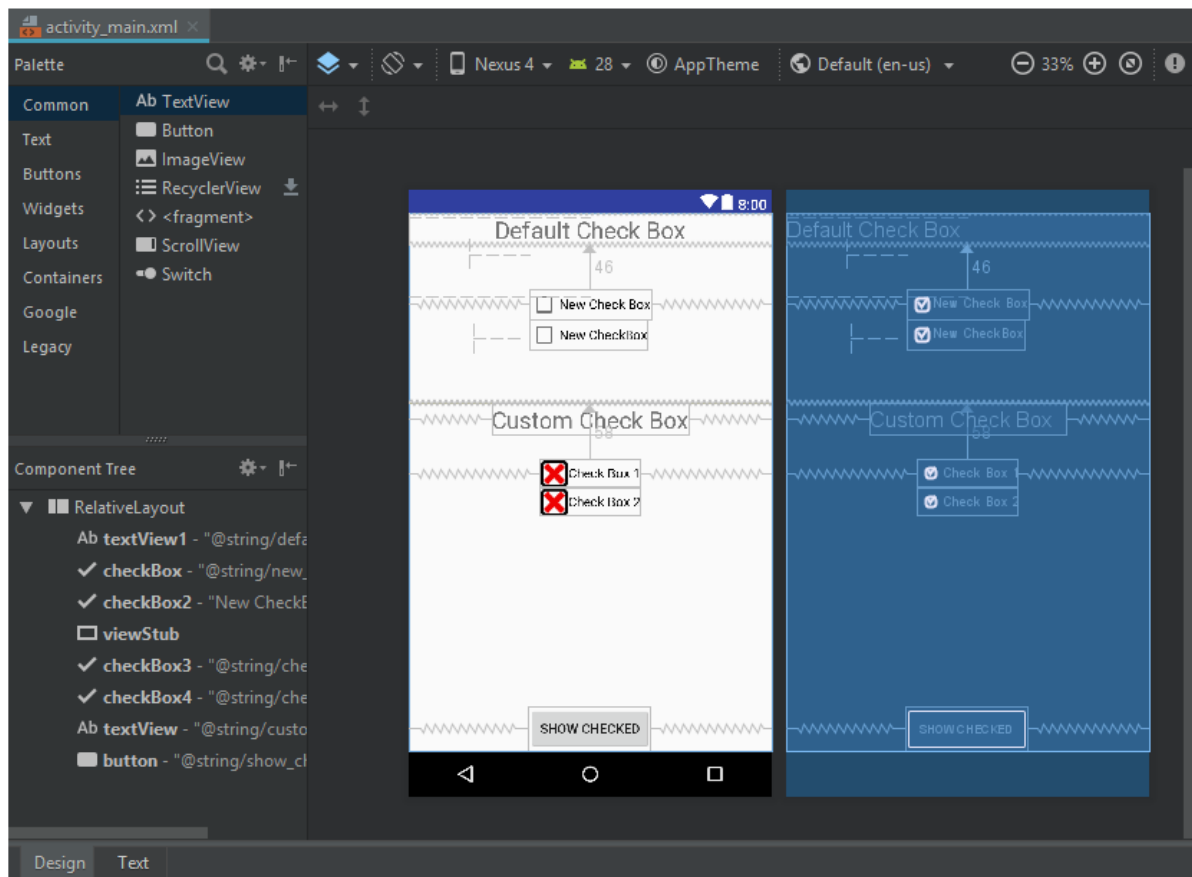
checkbox.xml [Design]



checkbox.xml [Text]

```
<?xml version="1.0" encoding="utf-8"?>
<selector xmlns:android="http://schemas.android.com/apk/res/android">
    <item android:state_checked="true" android:drawable="@drawable/checked" />
    <item android:state_checked="false" android:drawable="@drawable/unchecked"/>
</selector>
```

activity_main.xml [Design]



activity_main.xml [Text]

```
<?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">

    <TextView
        android:id="@+id/textView1"
        android:layout_width="fill_parent"
```

```
android:layout_height="wrap_content"
android:gravity="center_horizontal"
android:textSize="25sp"
android:text="@string/default_check_box"
android:layout_alignParentTop="true"
android:layout_alignParentLeft="true"
android:layout_alignParentStart="true" />
```

<CheckBox

```
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="@string/new_check_box"
android:id="@+id/checkBox"
android:layout_below="@+id/textView1"
android:layout_centerHorizontal="true"
android:layout_marginTop="46dp" />
```

<CheckBox

```
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="New CheckBox"
android:id="@+id/checkBox2"
android:layout_below="@+id/checkBox"
android:layout_alignLeft="@+id/checkBox"
android:layout_alignStart="@+id/checkBox" />
```

<View

```
android:layout_width="fill_parent"
android:layout_height="1 dp"
android:layout_marginTop="200dp"
android:background="#B8B894"
android:id="@+id/viewStub" />
```

<CheckBox

```
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="@string/checkbox_1"
    android:id="@+id/checkbox3"
    android:button="@drawable/customcheckbox"
    android:layout_below="@+id/viewStub"
    android:layout_centerHorizontal="true"
    android:layout_marginTop="58dp" />
```

<CheckBox

```
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="@string/checkbox_2"
    android:id="@+id/checkbox4"
    android:button="@drawable/customcheckbox"
    android:layout_below="@+id/checkbox3"
    android:layout_alignLeft="@+id/checkbox3"
    android:layout_alignStart="@+id/checkbox3" />
```

<TextView

```
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:textAppearance="?android:attr/textAppearanceSmall"
    android:textSize="25sp"
    android:text="@string/custom_check_box"
    android:id="@+id/textView"
    android:layout_alignTop="@+id/viewStub"
    android:layout_centerHorizontal="true" />
```

<Button

```
    android:layout_width="wrap_content"
```

```
android:layout_height="wrap_content"
android:text="@string/show_checked"
android:id="@+id/button"
android:layout_alignParentBottom="true"
android:layout_centerHorizontal="true" />
```

```
</RelativeLayout>
```

MainActivity.java

```
package robert.karamagi.customcheckbox;

import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.CheckBox;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {
    CheckBox cb1,cb2;
    Button button;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        cb1=(CheckBox)findViewById(R.id.checkBox3);
        cb2=(CheckBox)findViewById(R.id.checkBox4);
        button=(Button)findViewById(R.id.button);

        button.setOnClickListener(new View.OnClickListener() {
            @Override
```

```
public void onClick(View v) {  
    StringBuilder sb = new StringBuilder("");  
  
    if(cb1.isChecked()){  
        String s1=cb1.getText().toString();  
        sb.append(s1);  
    }  
  
    if(cb2.isChecked()){  
        String s2=cb2.getText().toString();  
        sb.append("\n"+s2);  
    }  
    if(sb!=null && !sb.toString().equals("")){  
        Toast.makeText(getApplicationContext(), sb,  
Toast.LENGTH_LONG).show();  
    }  
    else{  
        Toast.makeText(getApplicationContext(),"Nothing Selected",  
Toast.LENGTH_LONG).show();  
    }  
}  
});  
}
```

AndroidManifest.xml

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="robert.karamagi.customcheckbox">

    <application
        android:allowBackup="true"
        android:icon="@drawable/robert"
        android:label="@string/app_name"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportsRtl="true"
        android:theme="@style/AppTheme">
        <activity android:name=".MainActivity">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />

                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
    </application>

</manifest>
```

strings.xml

```
<resources>
    <string name="app_name">Custom Check Box</string>
    <string name="default_check_box">Default Check Box</string>
    <string name="checkbox_1">Check Box 1</string>
    <string name="checkbox_2">Check Box 2</string>
    <string name="custom_check_box">Custom Check Box</string>
</resources>
```



```
<string name="show_checked">Show Checked</string>  
<string name="new_check_box">New Check Box</string>  
</resources>
```

Robert Karamagi

Custom Check Box

Default Check Box

☐ New Check Box

☐ New CheckBox

Custom Check Box

☒ Check Box 1

☒ Check Box 2

SHOW CHECKED



3G 100% 12:14

Custom Check Box

Default Check Box

☐ New Check Box

☐ New CheckBox

Custom Check Box

☒ Check Box 1

☒ Check Box 2

Check Box 1

SHOW CHECKED





100% 12:15

Custom Check Box

Default Check Box

☒ New Check Box

☒ New CheckBox

Custom Check Box

☒ Check Box 1

☒ Check Box 2

Check Box 1

SHOW CHECKED



Custom Check Box

Default Check Box

☐ New Check Box

☐ New CheckBox

Custom Check Box

☒ Check Box 1

☒ Check Box 2

Check Box 2

SHOW CHECKED





100% 12:15

Custom Check Box

Default Check Box

☒ New Check Box

☒ New CheckBox

Custom Check Box

☒ Check Box 1

☒ Check Box 2

Nothing Selected

SHOW CHECKED





Custom Check Box

Default Check Box

☒ New Check Box

☒ New CheckBox

Custom Check Box

☒ Check Box 1

☒ Check Box 2

Check Box 1
Check Box 2

SHOW CHECKED

