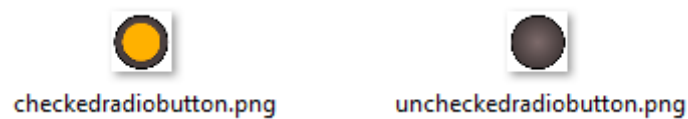




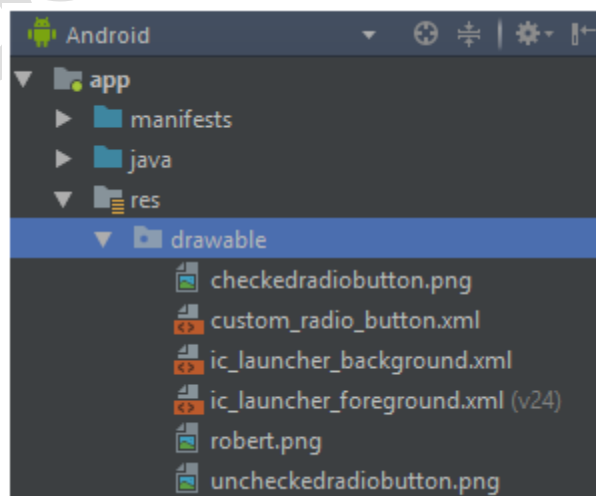
CUSTOM RADIO BUTTON IN ANDROID STUDIO

Create a New Drawable resource file in the app\res\drawable folder and name it as custom_radio_button.xml

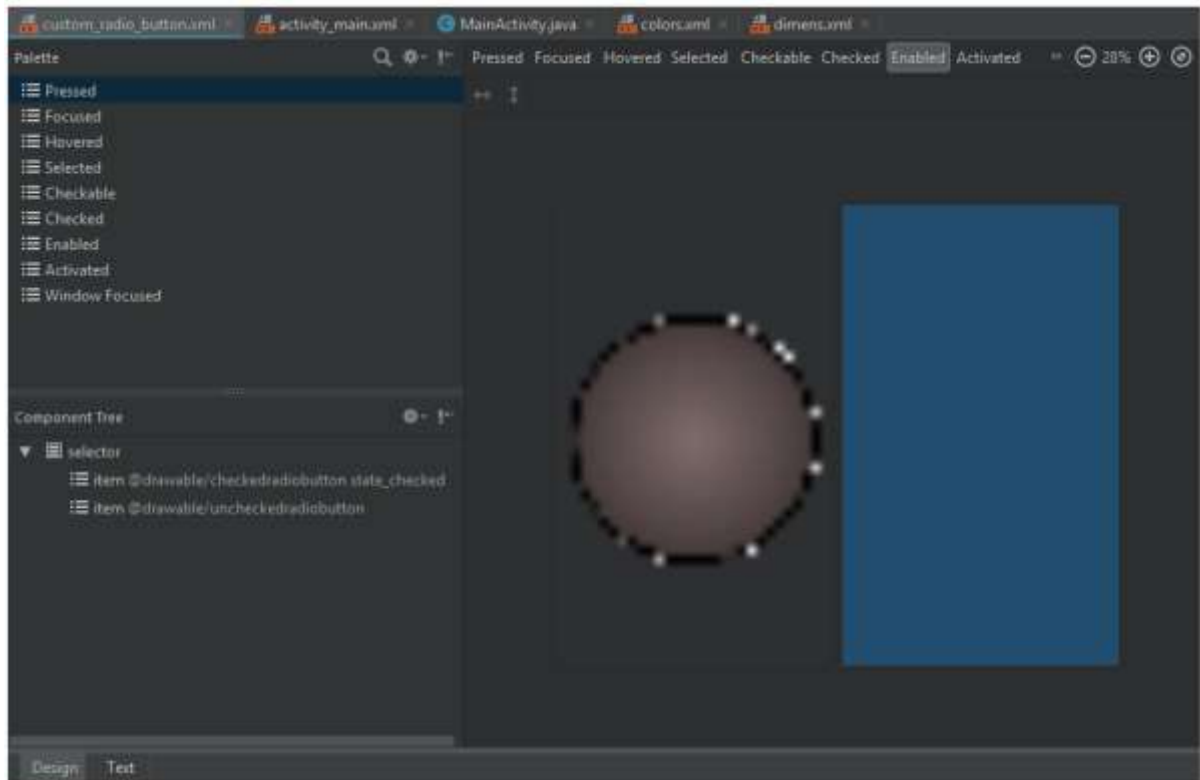
Add images for the checked and unchecked appearance of your custom radio button in the drawable folder.



The files in your drawable folder should be as listed below.



custom_radio_button.xml [Design]



custom_radio_button.xml [Text]

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

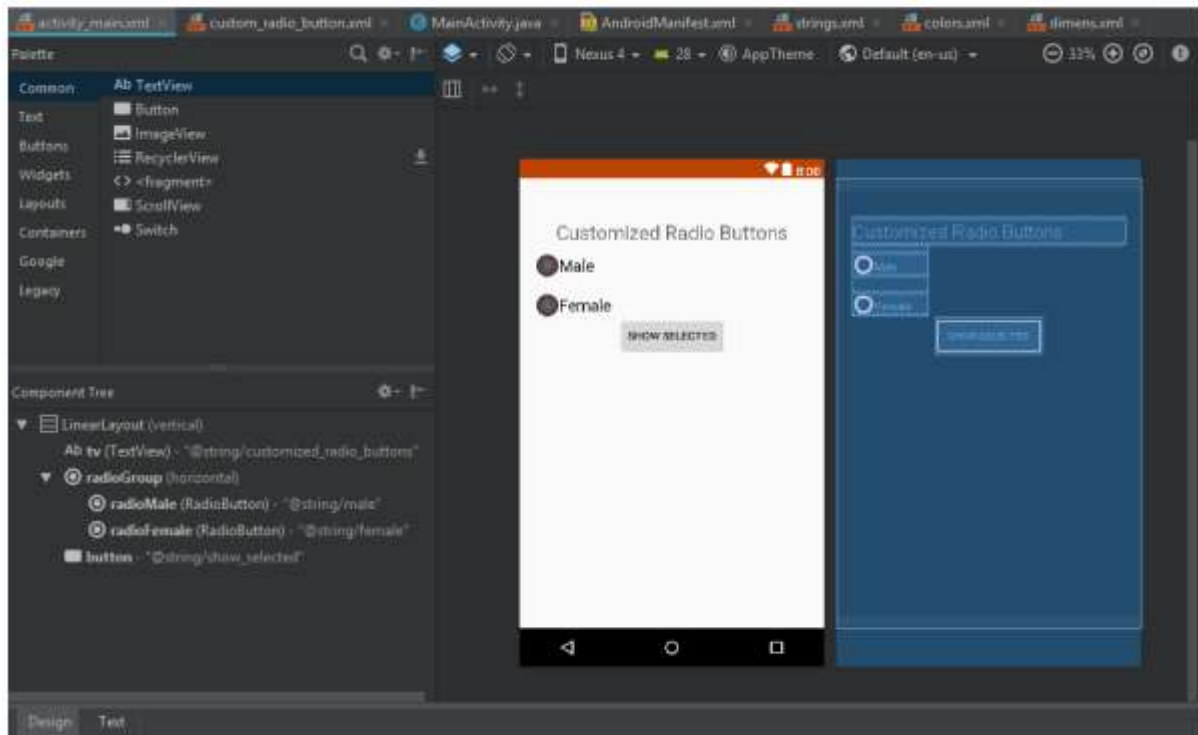
```
<selector xmlns:android="http://schemas.android.com/apk/res/android">
```

```
    <item android:state_checked="true"
        android:drawable="@drawable/checkedradiobutton" />
```

```
    <item android:state_checked="false"
        android:drawable="@drawable/uncheckedradiobutton" />
```

```
</selector>
```

activity_main.xml [Design]



activity_main.xml [Text]

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

```
<LinearLayout
```

```
    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"
```

```
    android:orientation="vertical"
```

```
    tools:context=".MainActivity">
```

<TextView

```
    android:id="@+id/tv"
    android:layout_width="fill_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="30dp"
    android:gravity="center_horizontal"
    android:textSize="25sp"
    android:text="@string/customized_radio_buttons" />
```

<!-- Customized RadioButtons -->

<RadioGroup

```
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:id="@+id/radioGroup">
```

<RadioButton

```
    android:id="@+id/radioMale"
    android:layout_width="fill_parent"
    android:layout_height="wrap_content"
    android:text="@string/male"
    android:layout_marginTop="10dp"
    android:checked="false"
    android:button="@drawable/custom_radio_button"
    android:textSize="20sp" />
```

<RadioButton

```
    android:id="@+id/radioFemale"
    android:layout_width="fill_parent"
```

```
        android:layout_height="wrap_content"
        android:text="@string/female"
        android:layout_marginTop="20dp"
        android:checked="false"
        android:button="@drawable/custom_radio_button"
        android:textSize="20sp" />
</RadioGroup>
```

```
<Button
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="@string/show_selected"
    android:id="@+id/button"
    android:onClick="onclickbuttonMethod"
    android:layout_gravity="center_horizontal" />
```

```
</LinearLayout>
```

MainActivity.java

```
package robert.karamagi.customradiobutton;

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

public class MainActivity extends AppCompatActivity {
    Button button;
```

```

RadioButton genderradioButton;
RadioGroup radioGroup;
@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);

    radioGroup=(RadioGroup)findViewById(R.id.radioGroup);
}

public void onclickbuttonMethod(View v){
    int selectedId = radioGroup.getCheckedRadioButtonId();
    genderradioButton = (RadioButton) findViewById(selectedId);
    if(selectedId!=-1){
        Toast.makeText(MainActivity.this,"Nothing selected",
Toast.LENGTH_SHORT).show();
    }
    else{
        Toast.makeText(MainActivity.this,genderradioButton.getText(),
Toast.LENGTH_SHORT).show();
    }
}
}

```

AndroidManifest.xml

```

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

```

```
<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 Radio Button</string>
    <string name="customized_radio_buttons">Customized Radio Buttons</string>
    <string name="male">Male</string>
    <string name="female">Female</string>
    <string name="show_selected">Show Selected</string>
</resources>
```

colors.xml

```
<?xml version="1.0" encoding="utf-8"?>
<resources>
    <color name="colorPrimary">#ff7300</color>
    <color name="colorPrimaryDark">#bf4300</color>
    <color name="colorAccent">#FF4081</color>
</resources>
```

dimens.xml

```
<?xml version="1.0" encoding="utf-8"?>
<resources>
    <dimen name="activity_vertical_margin">5dp</dimen>
    <dimen name="activity_horizontal_margin">5dp</dimen>
</resources>
```




Custom Radio Button

Customized Radio Buttons

☒ Male

☐ Female

SHOW SELECTED





Custom Radio Button

Customized Radio Buttons

☒ Male

☐ Female

SHOW SELECTED

Nothing selected



Custom Radio Button

Customized Radio Buttons

☒ Male

☐ Female

SHOW SELECTED

Male





100% 13:52

Custom Radio Button

Customized Radio Buttons

☒ Male

☐ Female

SHOW SELECTED

Female

