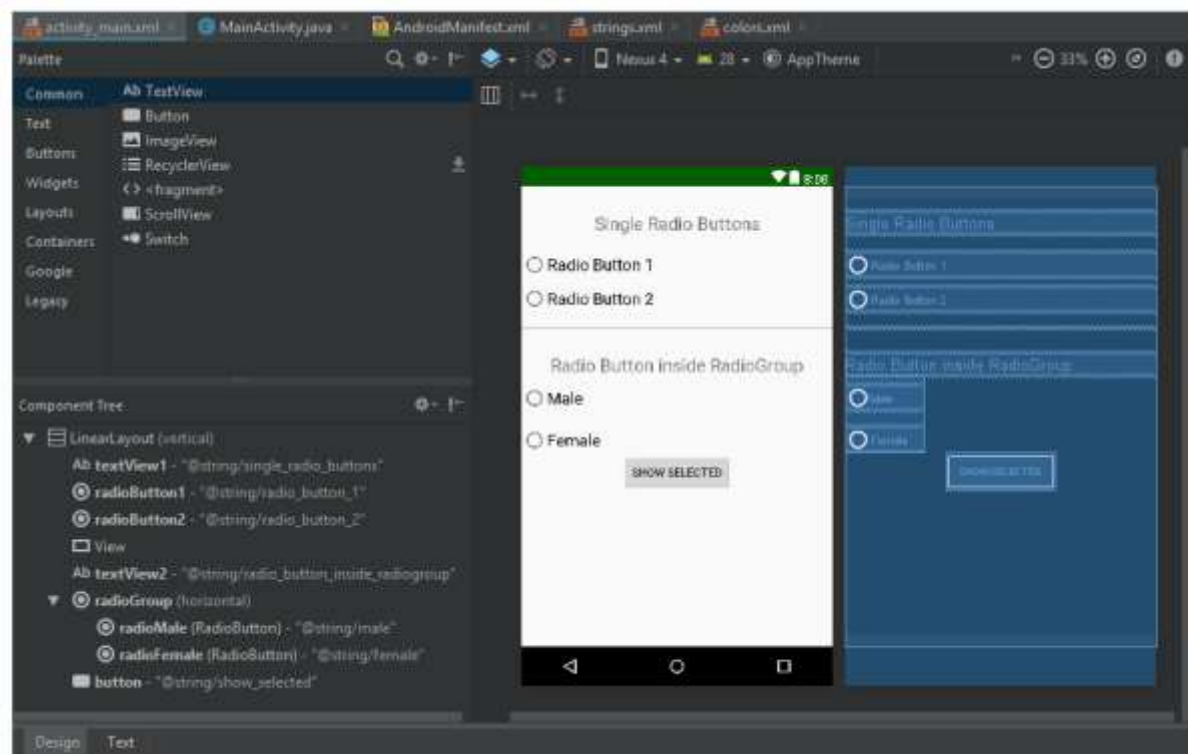




RADIO BUTTON IN ANDROID STUDIO

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:orientation="vertical"
    tools:context="example.javatpoint.com radiobutton.MainActivity">

    <TextView
        android:id="@+id/textView1"
        android:layout_width="fill_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="30dp"
        android:gravity="center_horizontal"
        android:textSize="22sp"
        android:text="@string/single_radio_buttons" />

    <!-- Default RadioButtons -->

    <RadioButton
        android:id="@+id/radioButton1"
        android:layout_width="fill_parent"
        android:layout_height="wrap_content"
        android:layout_gravity="center_horizontal"
        android:text="@string/radio_button_1"
        android:layout_marginTop="20dp"

        android:textSize="20sp" />
```

<RadioButton

```
    android:id="@+id/radioButton2"
    android:layout_width="fill_parent"
    android:layout_height="wrap_content"
    android:text="@string/radio_button_2"
    android:layout_marginTop="10dp"

    android:textSize="20sp" />
```

<View

```
    android:layout_width="fill_parent"
    android:layout_height="1dp"
    android:layout_marginTop="20dp"
    android:background="#B8B894" />
```

<TextView

```
    android:id="@+id/textView2"
    android:layout_width="fill_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="30dp"
    android:gravity="center_horizontal"
    android:textSize="22sp"
    android:text="@string/radio_button_inside_radiogroup" />
```

<!-- 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: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: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.radiobutton;

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.radiobutton"  
  
    <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">Radio Button</string>
    <string name="single_radio_buttons">Single Radio Buttons</string>
    <string name="radio_button_1">Radio Button 1</string>
    <string name="radio_button_2">Radio Button 2</string>
    <string name="radio_button_inside_radiogroup">Radio Button inside
RadioGroup</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">#007b0a</color>
    <color name="colorPrimaryDark">#065c00</color>
    <color name="colorAccent">#FF4081</color>
</resources>
```

Radio Button

Single Radio Buttons

- ☐ Radio Button 1
- ☐ Radio Button 2

Radio Button inside RadioGroup

- ☐ Male
- ☐ Female

SHOW SELECTED

Radio Button

Single Radio Buttons

☒ Radio Button 1

☐ Radio Button 2

Radio Button inside RadioGroup

☐ Male

☐ Female

SHOW SELECTED

Nothing selected

Radio Button

Single Radio Buttons

- ☐ Radio Button 1
- ☐ Radio Button 2

Radio Button inside RadioGroup

- ☐ Male
- ☒ Female

SHOW SELECTED

Female

Radio Button

Single Radio Buttons

☐ Radio Button 1

☐ Radio Button 2

Radio Button inside RadioGroup

☒ Male

☐ Female

SHOW SELECTED

Male

