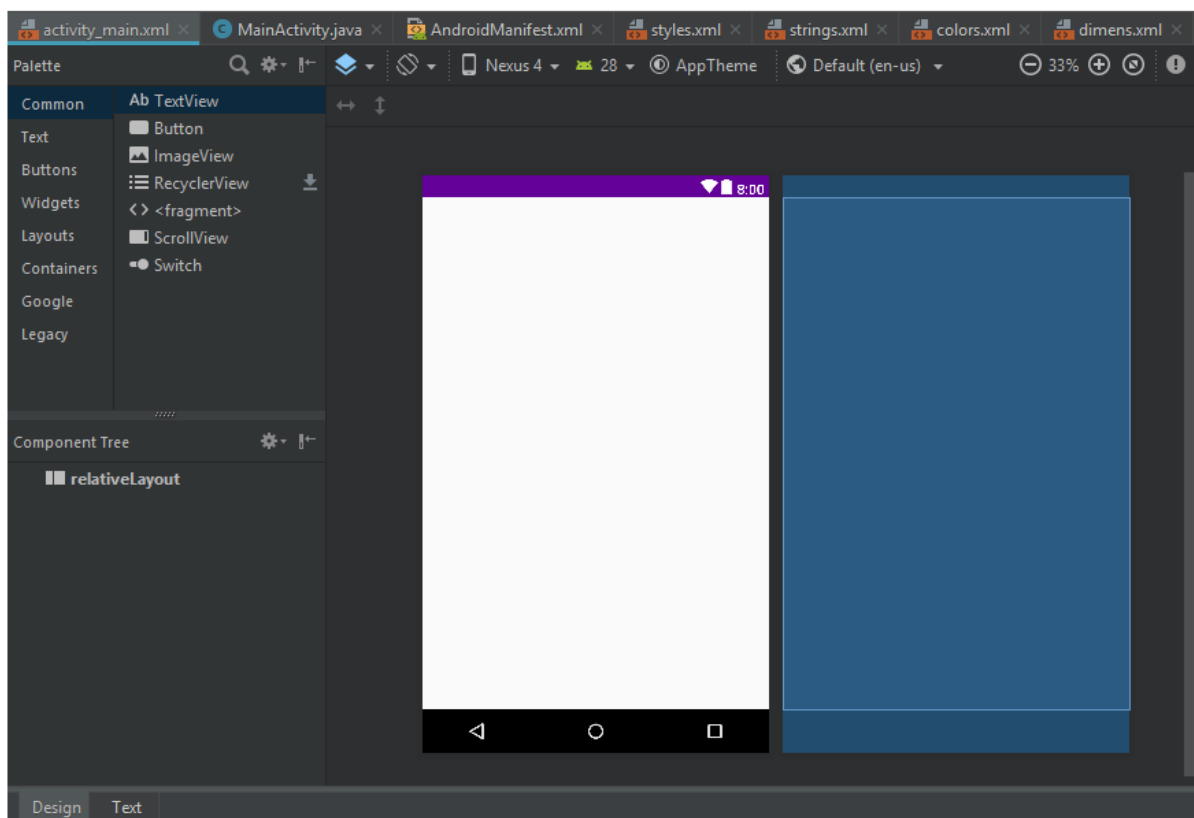




DYNAMIC RADIO BUTTON IN ANDROID STUDIO

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: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:id="@+id/relativeLayout"
    tools:context=".MainActivity">

</RelativeLayout>
```

MainActivity.java

```
package robert.karamagi.dynamicradiobutton;

import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.widget.RadioButton;
import android.widget.RadioGroup;
import android.widget.RelativeLayout;
import android.widget.RelativeLayout.LayoutParams;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {
    RadioGroup rg;
```

```
RelativeLayout rl;  
RadioButton rb1,rb2;
```

```
@Override
```

```
protected void onCreate(Bundle savedInstanceState) {
```

```
    super.onCreate(savedInstanceState);  
    setContentView(R.layout.activity_main);
```

```
    rg = new RadioGroup(this);  
    rl = (RelativeLayout) findViewById(R.id.relativeLayout);  
    rb1 = new RadioButton(this);  
    rb2 = new RadioButton(this);
```

```
    rb1.setText("Male");  
    rb2.setText("Female");  
    rg.addView(rb1);  
    rg.addView(rb2);  
    rg.setOrientation(RadioGroup.HORIZONTAL);
```

```
    RelativeLayout.LayoutParams params = new  
RelativeLayout.LayoutParams((int)  
LayoutParams.WRAP_CONTENT,(int)LayoutParams.WRAP_CONTENT);  
    params.leftMargin =180;  
    params.topMargin = 100;  
    rg.setLayoutParams(params);  
    rl.addView(rg);
```

```
    rg.setOnCheckedChangeListener(new  
RadioGroup.OnCheckedChangeListener() {  
        @Override  
        public void onCheckedChanged(RadioGroup group, int checkedId) {
```

```
RadioButton radioButton = (RadioButton) findViewById(id);
```

```
Toast.makeText(getApplicationContext(),radioButton.getText(),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.dynamicradiobutton">  
  
    <application  
        android:allowBackup="true"  
        android:icon="@drawable/robert"  
        android:label="@string/app_name"  
        android:roundIcon="@mipmap/ic_launcher_round"  
        android:supportRtl="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">Dynamic Radio Button</string>
    <string name="male">Male</string>
    <string name="dynamic_radio_buttons">Dynamic Radio Buttons</string>
    <string name="female">Female</string>
</resources>
```

styles.xml

```
<resources>

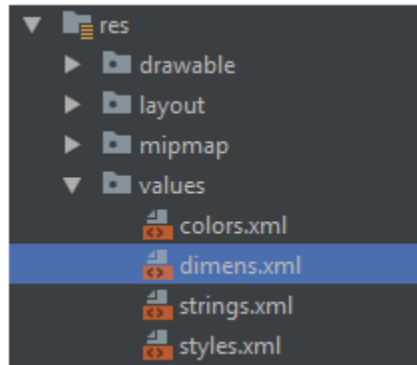
    <!-- Base application theme. -->
    <style name="AppTheme"
parent="Base.Theme.AppCompat.Light.DarkActionBar">
        <!-- Customize your theme here. -->
        <item name="colorPrimary">@color/colorPrimary</item>
        <item name="colorPrimaryDark">@color/colorPrimaryDark</item>
        <item name="colorAccent">@color/colorAccent</item>
    </style>

</resources>
```

colors.xml

```
<?xml version="1.0" encoding="utf-8"?>
<resources>
    <color name="colorPrimary">#9800df</color>
    <color name="colorPrimaryDark">#640199</color>
    <color name="colorAccent">#FF4081</color>
</resources>
```

Create a New Values resource file in the app/res/values folder and name it as `dimens.xml`



`dimens.xml`

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



3G



100% 21:10

Dynamic Radio Button

☐ Male ☐ Female





Dynamic Radio Button

☒ Male ☐ Female

Male





3G 100% 21:11

Dynamic Radio Button

☐ Male ☒ Female

Female