

```
<?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"
    >

    <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="25dp"
        android:text="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="wrap_content"
        android:layout_height="wrap_content"
        android:text="    Male"
        android:layout_marginTop="10dp"
        android:checked="false"
        android:button="@drawable/radiobut"
        android:textSize="20dp" />

    <RadioButton
        android:id="@+id/radioFemale"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="    Female"
        android:layout_marginTop="20dp"
        android:checked="false"
        android:button="@drawable/radiobut"
        android:textSize="20dp" />
</RadioGroup>

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

</LinearLayout>

```

Checkbox.xml

```

<?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>

package com.example.customradiobutton;
import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;

```

```

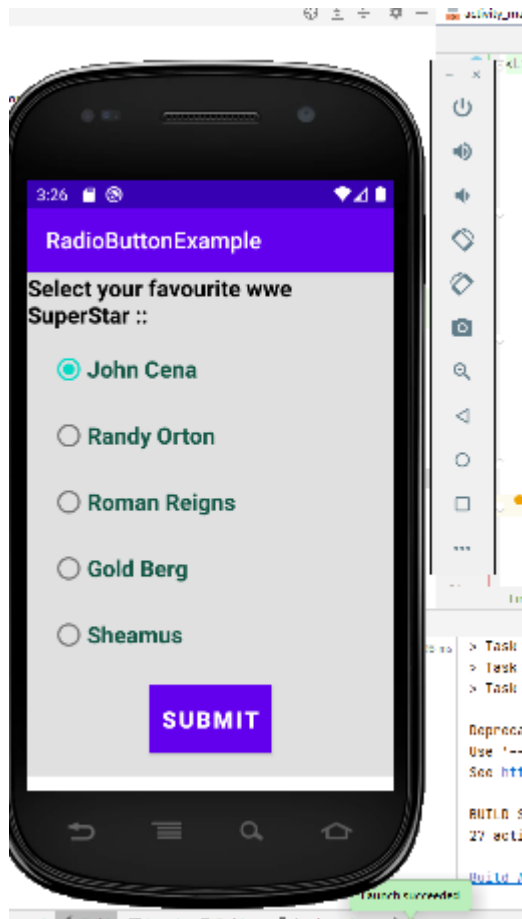
import android.widget.RadioButton;
import android.widget.RadioGroup;
import android.widget.Toast;

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();
        }
    }
}

```



```
<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=".MainActivity">

    <LinearLayout
        android:layout_width="fill_parent"
        android:layout_height="wrap_content"
        android:background="#e0e0e0"
        android:orientation="vertical">

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Select your favourite wwe SuperStar :: "
            android:textColor="#000"
            android:textSize="20sp"
            android:textStyle="bold" />

        <RadioGroup
            android:layout_width="wrap_content"
            android:layout_height="wrap_content">

            <RadioButton
                android:id="@+id/johnCena"
                android:layout_width="wrap_content"
```

```
        android:layout_height="wrap_content"
        android:layout_marginLeft="20dp"
        android:layout_marginTop="10dp"
        android:checked="true"
        android:text="@string/johnCena"
        android:textColor="#154"
        android:textSize="20sp"
        android:textStyle="bold" />
```

```
<RadioButton
    android:id="@+id/randyOrton"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="20dp"
    android:layout_marginTop="10dp"
    android:checked="false"
    android:text="@string/randyOrton"
    android:textColor="#154"
    android:textSize="20sp"
    android:textStyle="bold" />
```

```
<RadioButton
    android:id="@+id/romanReigns"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="20dp"
    android:layout_marginTop="10dp"
    android:checked="false"
    android:text="@string/romanReigns"
    android:textColor="#154"
    android:textSize="20sp"
    android:textStyle="bold" />
```

```
<RadioButton
    android:id="@+id/goldBerg"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="20dp"
    android:layout_marginTop="10dp"
    android:checked="false"
    android:text="@string/goldBerg"
    android:textColor="#154"
    android:textSize="20sp"
    android:textStyle="bold" />
```

```
<RadioButton
    android:id="@+id/sheamus"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="20dp"
    android:layout_marginTop="10dp"
    android:checked="false"
    android:text="@string/sheamus"
    android:textColor="#154"
    android:textSize="20sp"
    android:textStyle="bold" />
```

```

</RadioGroup>

<Button
    android:id="@+id/submitButton"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_gravity="center"
    android:layout_margin="20dp"
    android:background="#0f0"
    android:padding="10dp"
    android:text="Submit"
    android:textColor="#fff"
    android:textSize="20sp"
    android:textStyle="bold" />
</LinearLayout>

```

```
</LinearLayout>
```

Java file

```

package com.example.customradiobutton1;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.RadioButton;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {

    RadioButton johnCena, randyOrton, goldBerg, romanReigns, sheamus;
    String selectedSuperStar;
    Button submit;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        johnCena = (RadioButton) findViewById(R.id.johnCena);
        randyOrton = (RadioButton) findViewById(R.id.randyOrton);
        goldBerg = (RadioButton) findViewById(R.id.goldBerg);
        romanReigns = (RadioButton) findViewById(R.id.romanReigns);
        sheamus = (RadioButton) findViewById(R.id.sheamus);
        submit = (Button) findViewById(R.id.submitButton);
        submit.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                if (randyOrton.isChecked()) {
                    selectedSuperStar = randyOrton.getText().toString();
                } else if (sheamus.isChecked()) {
                    selectedSuperStar = sheamus.getText().toString();
                } else if (johnCena.isChecked()) {
                    selectedSuperStar = johnCena.getText().toString();
                } else if (romanReigns.isChecked()) {
                    selectedSuperStar = romanReigns.getText().toString();
                } else if (goldBerg.isChecked()) {

```

```

        selectedSuperStar = goldBerg.getText().toString();
    }
    Toast.makeText(getApplicationContext(), selectedSuperStar,
Toast.LENGTH_LONG).show(); // print the value of selected super star
    }
    });
}
}

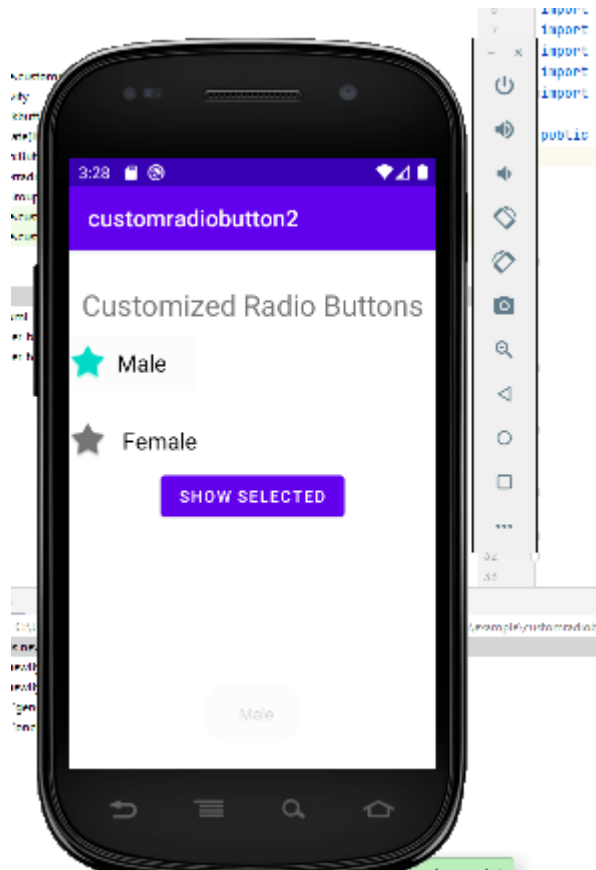
```

strings.xml

```

<resources>
    <string name="app_name">RadioButtonExample</string>
    <string name="hello_world">Hello world!</string>
    <string name="action_settings">Settings</string>
    <string name="randyOrton">Randy Orton</string>
    <string name="johnCena">John Cena</string>
    <string name="romanReigns">Roman Reigns</string>
    <string name="goldBerg">Gold Berg</string>
    <string name="sheamus">Sheamus</string>
</resources>

```



```
<?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=".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="25dp"
        android:text="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="    Male"
            android:layout_marginTop="10dp"
            android:checked="false"
            android:button="@drawable/checked"
            android:background="@color/cardview_shadow_end_color"
            android:textSize="20dp" />

        <RadioButton
            android:id="@+id/radioFemale"
            android:layout_width="fill_parent"
            android:layout_height="wrap_content"
            android:text="    Female"
            android:layout_marginTop="20dp"
            android:checked="false"
            android:button="@drawable/checked"
            android:shadowColor="@color/cardview_shadow_end_color"
            android:textSize="20dp" />
    </RadioGroup>

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

</LinearLayout>

```

Checked.xml

```

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

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

    <item android:state_checked="true"
        android:drawable="@android:drawable/star_big_on" />
    <item android:state_checked="false"
        android:drawable="@android:drawable/star_big_off" />

</selector>

```

```

package com.example.customradiobutton2;

import androidx.appcompat.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);
    }

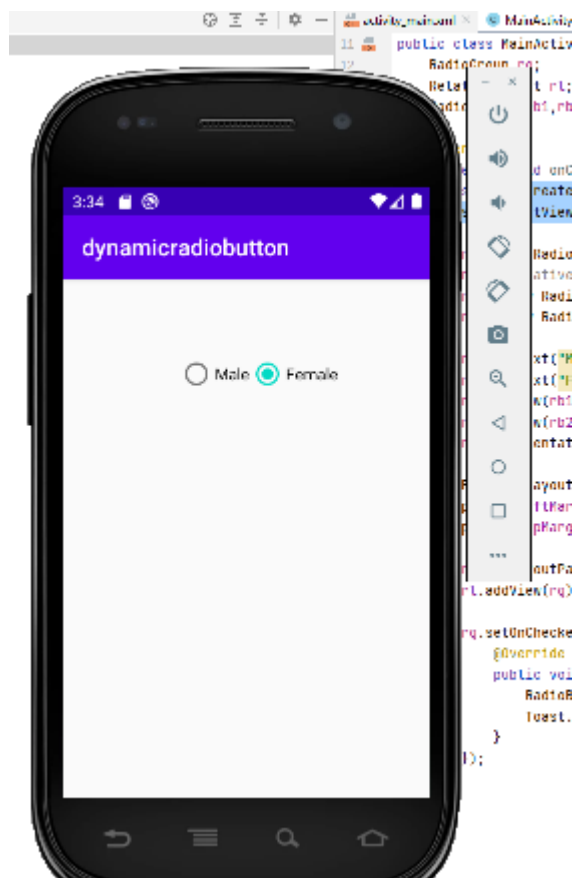
    public void onclickbuttonMethod(View v){
        int selectedId = radioGroup.getCheckedRadioButtonId();
        genderradioButton = (RadioButton) findViewById(selectedId);
        if(selectedId!=-1){
            Toast.makeText(MainActivity.this,"Nothing selected",
Toast.LENGTH_SHORT).show();
       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

Toast.makeText(MainActivity.this,genderradioButton.getText(),
Toast.LENGTH_SHORT).show();
        }

    }
}

```

Dynamic Radio Button



```
<?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:id="@+id/relativeLayout"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
>
</RelativeLayout>
```

```

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 =150;
        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(checkedId);

                Toast.makeText(getApplicationContext(),radioButton.getText(),Toast.LENGTH_LO
NG).show();
            }
        });
    }
}

```