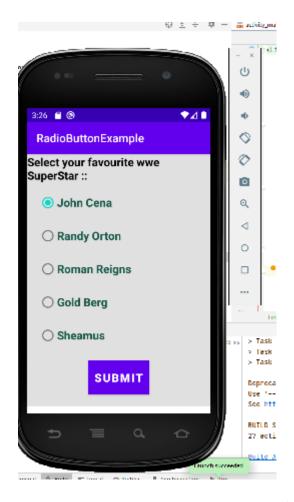


```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout width="match parent"
    android:layout height="match parent"
       android:orientation="vertical"
    <TextView
       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 -->
```

```
< Radio Group
        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"</pre>
android:drawable="@drawable/checkedradiobutton" />
    <item android:state checked="false"</pre>
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();
   }
```



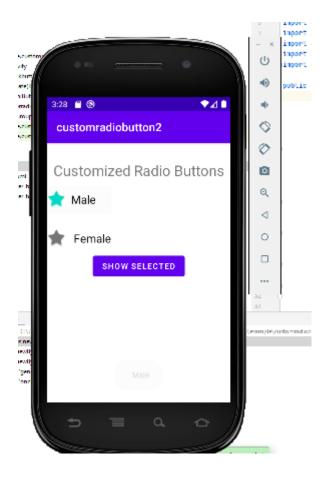
```
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"</pre>
    xmlns:tools="http://schemas.android.com/tools"
    android:layout width="match parent"
    android:layout height="match parent"
    android:orientation="vertical"
        tools:context=".MainActivity">
    <LinearLayout
        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" />
< Radio Button
   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" />
< Radio Button
    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 name="goldBerg">Gold Berg</string>
   <string name="sheamus">Sheamus
```

</resources>

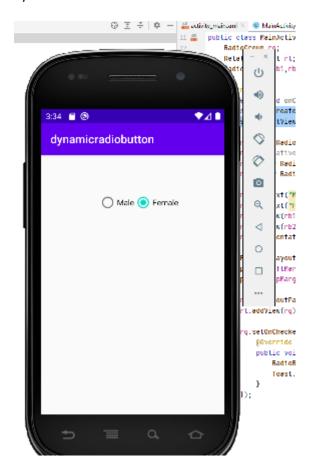


```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout width="match parent"
    android:layout height="match parent"
        android:orientation="vertical"
    tools:context=".MainActivity">
    <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"</pre>
android:drawable="@android:drawable/star big on" />
    <item android:state checked="false"</pre>
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();
       });
   }
}
```