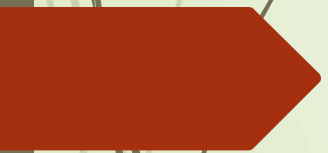
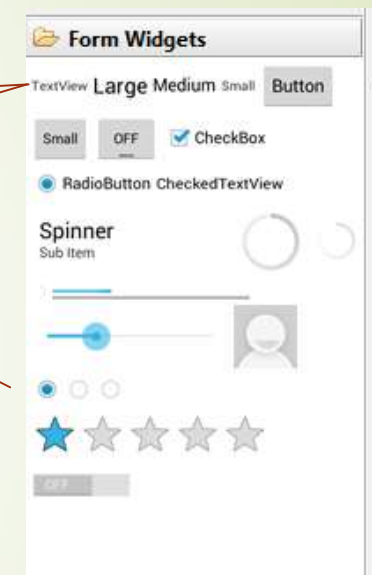
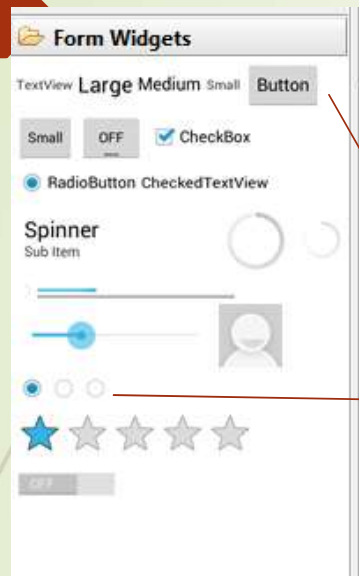


Componente Visual I

RadioGroup e RadioButton



Vamos criar um programa que mostre os componentes radioGroup e radioButton



Atributos dos componentes.

rbMasculino

rbCasado

rbSolteiro

Capitulo_VII

Sexo

Masculino Feminino

Estado Civil

Casado Solteiro Divorciado

Testar Componentes

rbFeminino

rbDivorciado

btTestarComponente

Criando o evento click no Botão.

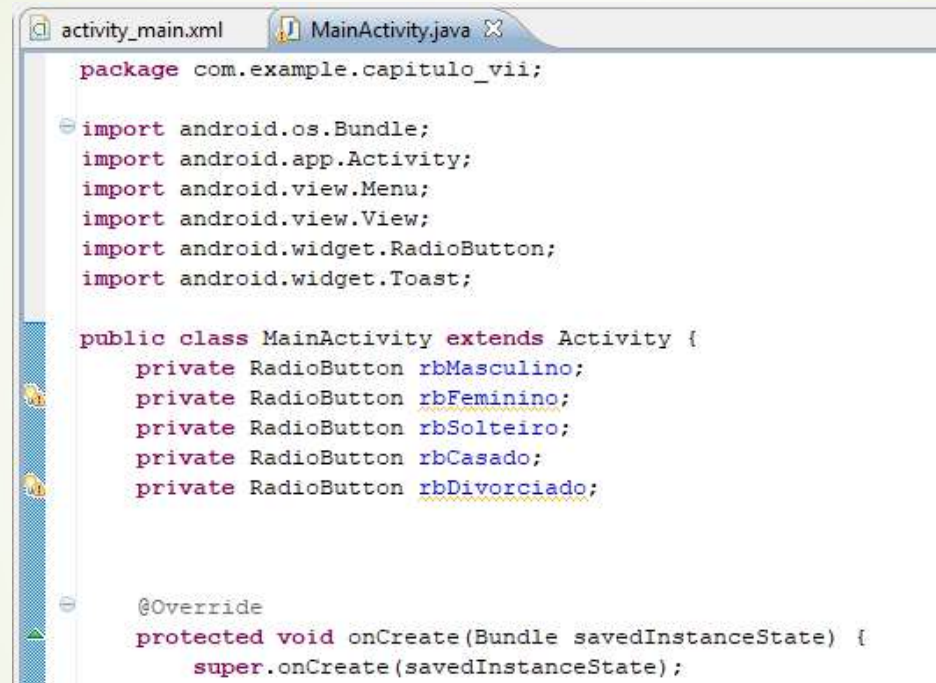
```
activity_main.xml MainActivity.java
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:paddingBottom="@dimen/activity_vertical_margin"
    android:paddingLeft="@dimen/activity_horizontal_margin"
    android:paddingRight="@dimen/activity_horizontal_margin"
    android:paddingTop="@dimen/activity_vertical_margin"
    tools:context=".MainActivity" >

    <Button
        android:id="@+id/btTestarComponentes"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentLeft="true"
        android:layout_below="@+id/rgSexo"
        android:layout_marginTop="135dp"
        android:onClick="btTestarComponenteOnClick"
        android:text="Testar Componentes" />

    <RadioGroup
        android:id="@+id/rgSexo"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignLeft="@+id/btTestarComponentes"
        android:layout_alignParentTop="true"
        android:layout_marginTop="32dp"
        android:orientation="horizontal" >
```

Acrescente
manualmente o
evento click do Botão.

Declaração dos componentes visuais

A screenshot of an IDE window showing the MainActivity.java file. The code defines a package, imports several Android classes, and declares a MainActivity class that extends Activity. It includes private fields for five radio buttons and an overridden onCreate method.

```
activity_main.xml MainActivity.java X
package com.example.capitulo_vii;

import android.os.Bundle;
import android.app.Activity;
import android.view.Menu;
import android.view.View;
import android.widget.RadioButton;
import android.widget.Toast;

public class MainActivity extends Activity {
    private RadioButton rbMasculino;
    private RadioButton rbFeminino;
    private RadioButton rbSolteiro;
    private RadioButton rbCasado;
    private RadioButton rbDivorciado;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
    }
}
```

Recuperação do componente visuais

```
@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);
    rbMasculino = (RadioButton) findViewById(R.id.rbMasculino);
    rbFeminino = (RadioButton) findViewById(R.id.rbFeminino);
    rbSolteiro = (RadioButton) findViewById(R.id.rbSolteiro);
    rbCasado = (RadioButton) findViewById(R.id.rbCasado);
    rbDivorciado = (RadioButton) findViewById(R.id.rbDivorciado);
}
```

Código do Evento Click

```
public void btTestarComponenteOnClick(View v) {
    String texto = "";

    if (rbMasculino.isChecked()) {
        texto = "Masculino Selecionado. \n";
    } else {
        texto = "Feminino Selecionado. \n";
    }

    if (rbSolteiro.isChecked() ) {
        texto += "Solteiro Selecionado.";
    } else if (rbCasado.isChecked() ) {
        texto += "Casado Selecionado.";
    } else {
        texto += "Divorciado Selecionado.";
    }

    Toast.makeText(this, texto, Toast.LENGTH_LONG ).show();
}

@Override
public boolean onCreateOptionsMenu(Menu menu) {
    // Inflate the menu; this adds items to the action bar if it is present.
    getMenuInflater().inflate(R.menu.main, menu);
    return true;
}
}
```

Análise do
componente
selecionado na tela

Apresentar resultado
na tela