Slide 9.8: Radio buttons: layout file
Slide 9.10: Checkboxes
Home

PRINT VERSION

Radio Buttons: Java Source Code

Line 08: import android.widget.RadioButton;

A radio button is a two-states button that can be either checked or unchecked.

Line 09: import android.widget.RadioGroup;

This class is used to create a multiple-exclusion scope for a set of radio buttons. Checking one radio button that belongs to a radio group unchecks any previously checked radio button within the same group.

Line 11. import android.widget.Toast;

A toast is a view containing a quick little message for the user. When the view is shown to the user, appears as a floating view over the application.

Line 31: int selectedId = radioSexGroup.getCheckedRadioButtonId( );

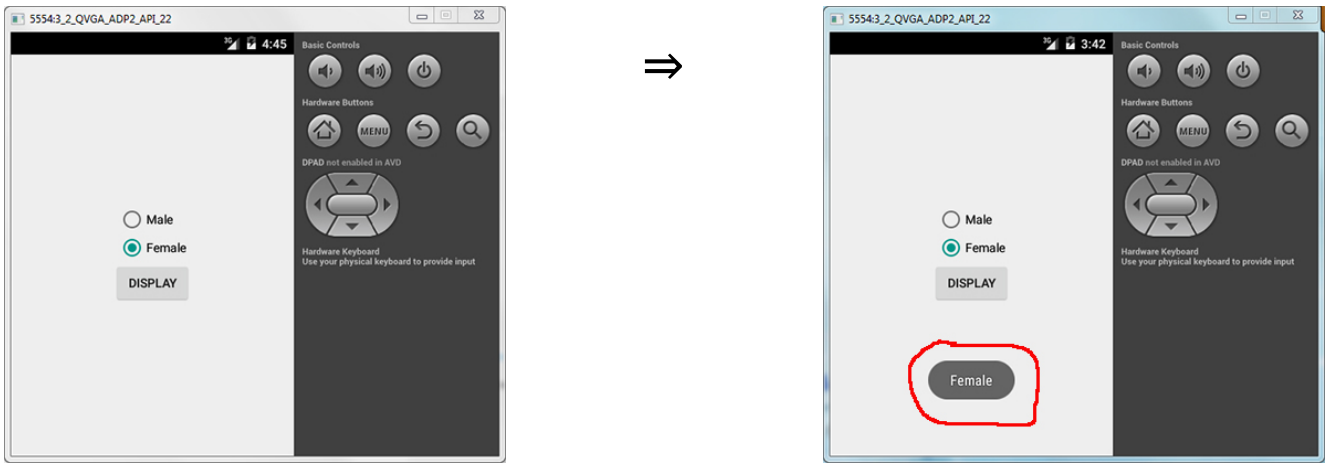
Return the identifier of the selected radio button in this group.

Line 34: Toast.makeText(MainActivity.this,
Line 35: radioSexButton.getText( ), Toast.LENGTH_LONG).show( );

Make a standard toast that just contains a text view with the text from a resource.

Selecting
Female &

pushing
DISPLAY



MyApplication/app/src/main/java/com/example/wenchen/myapplication/MainActivity.java

```
01 package com.example.wenchen.myapplication;
02
03 import android.app.Activity;
04 import android.os.Bundle;
05 import android.view.View;
06 import android.view.View.OnClickListener;
07 import android.widget.Button;
08 import android.widget.RadioButton;
09 import android.widget.RadioGroup;
10 import android.widget.Toast;
11
12 public class MainActivity extends Activity {
13   private RadioGroup  radioSexGroup;
14   private RadioButton radioSexButton;
15   private Button      btnDisplay;
16
17   @Override
18   public void onCreate( Bundle savedInstanceState ) {
19     super.onCreate( savedInstanceState );
20     setContentView( R.layout.activity_main );
21     addListenerOnButton( );
22   }
23
24   public void addListenerOnButton( ) {
25     radioSexGroup = (RadioGroup) findViewById( R.id.radioSex );
26     btnDisplay    = (Button)     findViewById( R.id.btnDisplay );
27     btnDisplay.setOnClickListener( new OnClickListener( ) {
28       @Override
29       public void onClick( View v ) {
30         // Get selected radio button from radioGroup.
31         int selectedId = radioSexGroup.getCheckedRadioButtonId( );
32         // Find the radiobutton by returned id.
33         radioSexButton = (RadioButton) findViewById( selectedId );
34         Toast.makeText( MainActivity.this,
35           radioSexButton.getText( ), Toast.LENGTH_LONG ).show( );
36       }
37     });
38   }
39 }
```

Slide 9.8: Radio buttons: layout file
Slide 9.11. Checkboxes
Home