

Radio Buttons and Check Boxes

After you place some Radio Buttons or Check Boxes on a form, they both can use the `isSelected()` method to check if one is selected. Typically, you would use this as a condition in an if statement, for example, suppose that a form had radiobuttons with text First Class and Coach:

```
if (jRadioButton1.isSelected( ))
    { price = numbertickets * firstclassprice; }
if (jRadioButton2.isSelected( ))
    { price = numbertickets * coachprice; }
```

Both RadioButtons and CheckBoxes also have a `getText()` method, so that you can use the text labeling the RadioButton or CheckBox on the form.

```
if (jCheckBox1.isSelected ( ))
    { message = prefix + jCheckBox1.getText( ); }
```

It is customary to place RadioButtons so that the user can check only one at a time. To do this in Java, you need to put the RadioButtons in a ButtonGroup. Then only one item in the group can be checked.

- In NetBeans, after you place the RadioButtons, also place a ButtonGroup. This component does not appear on the form, so it can be placed anywhere.
- Select all the RadioButtons that you want in the group.
- In the Properties pane, there are properties for multiple selections and one of them is Button Group. Use the little triangles to get a menu and select the ButtonGroup1 that you just created.

Resetting Check Boxes and Radio Buttons

If you want to reset a CheckBox, you can use the `setSelected` method:

```
jCheckBox1.setSelected (false);
```

(And calling `jCheckBox1.setSelected (true)` would set the checkBox to be checked.)

If you want to reset the RadioButtons in a Button Group so that they are all unselected, find the name of the group and use the `clearSelection()` method.

```
buttonGroup1.clearSelection();
```