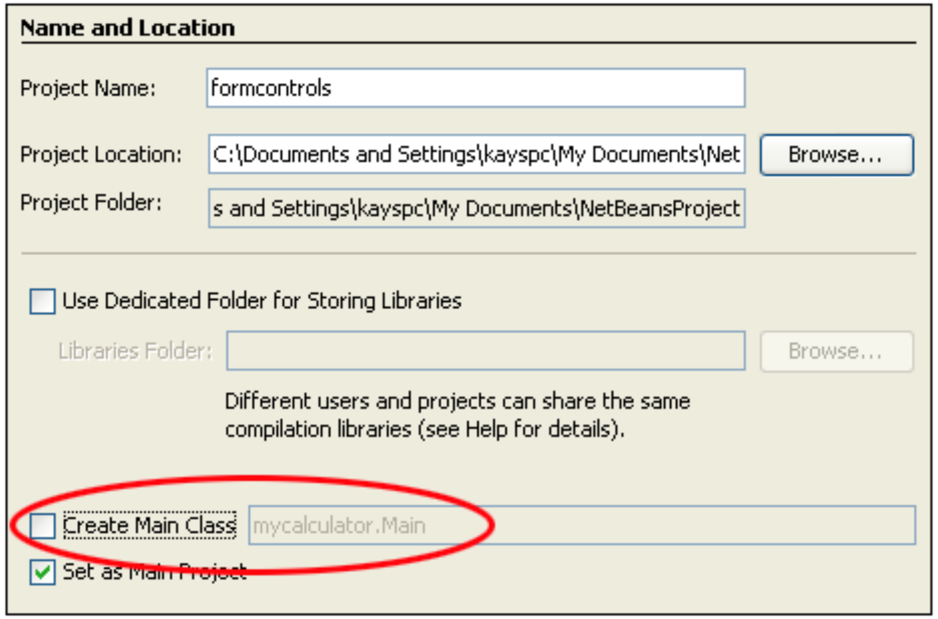
ANOTHER PROJECT

Combo Box
Check Box
Radio Buttons
Text Areas
List Box
Menus and Menu Items
Open File Dialogue boxes
Save File Dialogue boxes

JAVA COMBO BOXES

BUAT PROJECT BARU

Nama project: formControls



Name and Location

Project Name: formcontrols

Project Location: C:\Documents and Settings\kayspc\My Documents\Net

Project Folder: s and Settings\kayspc\My Documents\NetBeansProject

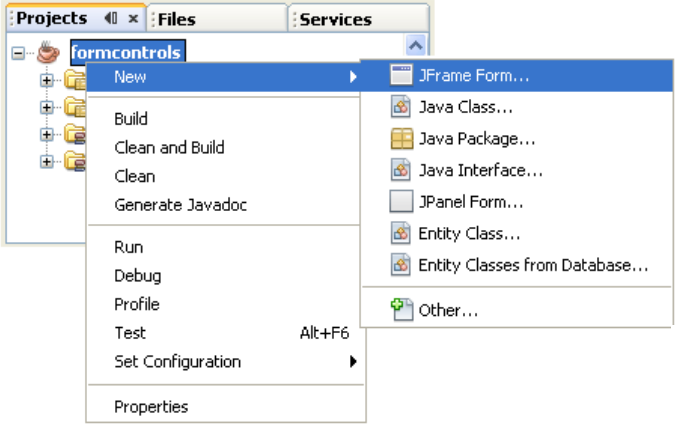
□ Use Dedicated Folder for Storing Libraries

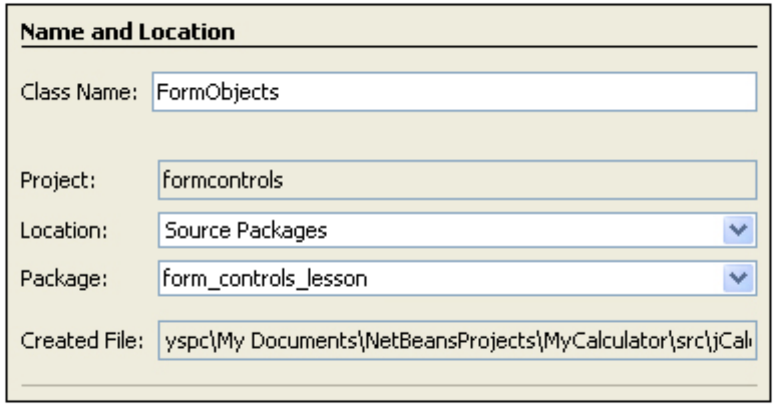
Libraries Folder:

Different users and projects can share the same compilation libraries (see Help for details).

□ Create Main Class mycalculator.Main

☑ Set as Main Project





Name and Location

Class Name: FormObjects

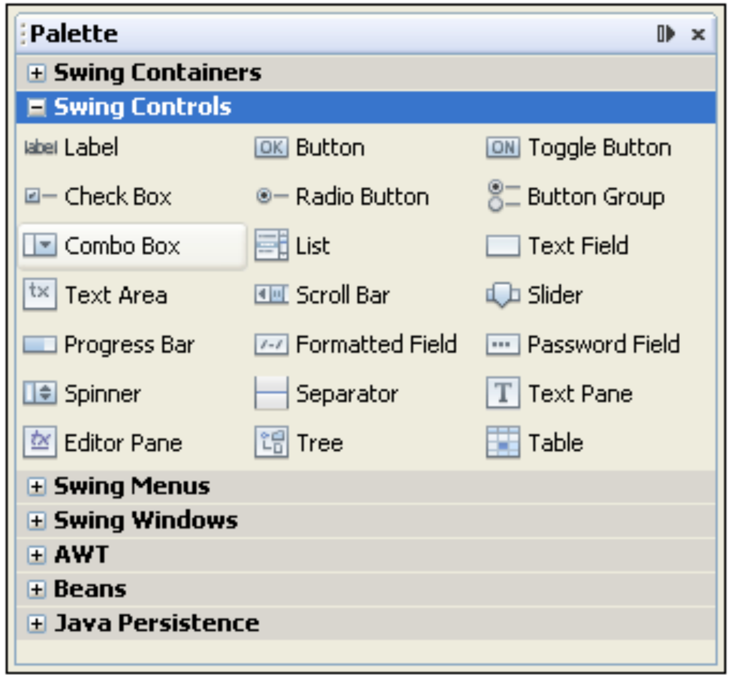
Project: formcontrols

Location: Source Packages

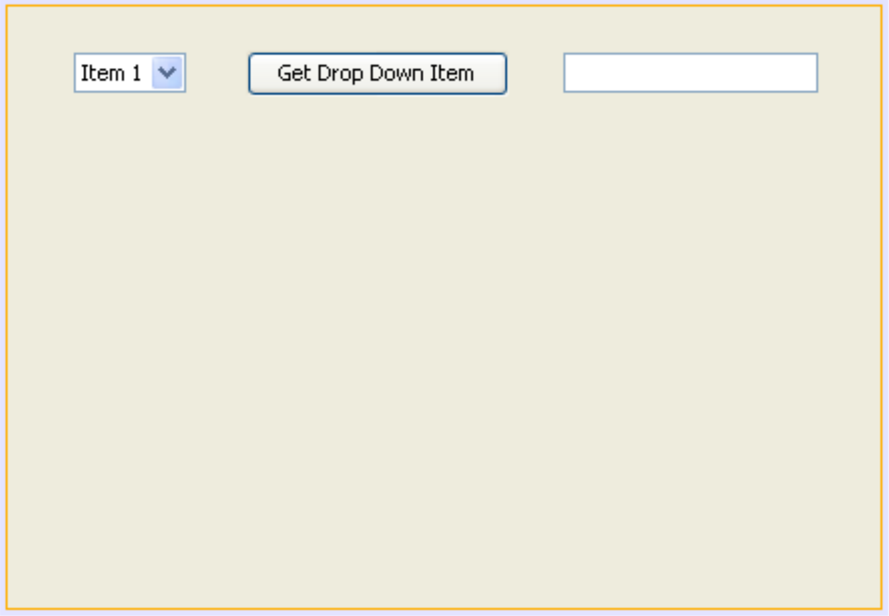
Package: form_controls_lesson

Created File: yspc\My Documents\NetBeansProjects\MyCalculator\src\jCal

JCOMBOBOX CONTROL

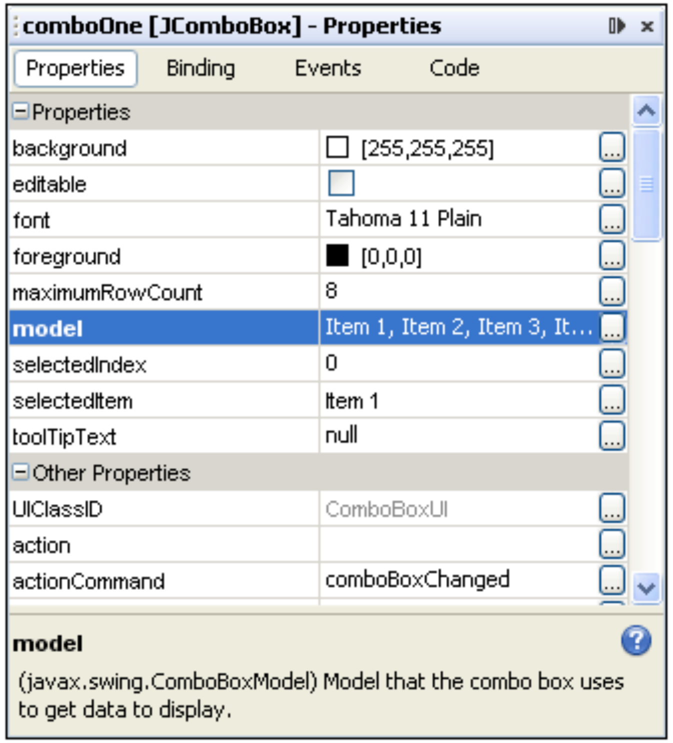


- Click back onto your Combo Box to highlight it. Right-click and select **Change Variable Name** from the menu that appears. Type **comboOne** as the new name, and then click OK.
- Change the name of the button in the same way, rename it **btnComboBox**. Change the text on the button to **Get Drop Down Item**.
- Change the name of the Text Field to **txtComboBoxItem**. Delete the default text and leave it blank. Your form should then look something like this one:



JCOMBOBOX CONTROL

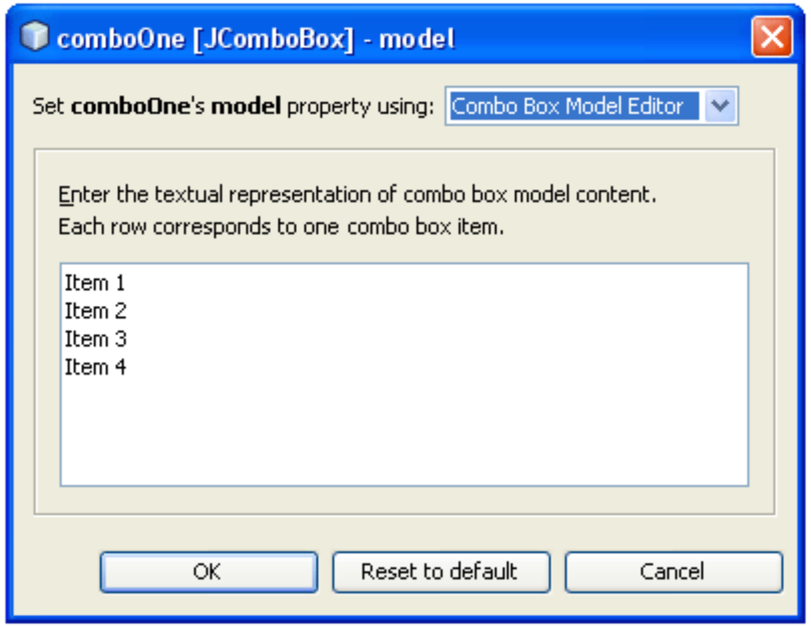
Default nya item1, item 2 dst, sekarang kita ubah, klik "…" di bagian model



Properties	
background	□ [255,255,255]
editable	□
font	Tahoma 11 Plain
foreground	■ [0,0,0]
maximumRowCount	8
model	Item 1, Item 2, Item 3, It…
selectedIndex	0
selectedItem	Item 1
toolTipText	null
Other Properties	
UIClassID	ComboBoxUI
action	
actionCommand	comboBoxChanged

model

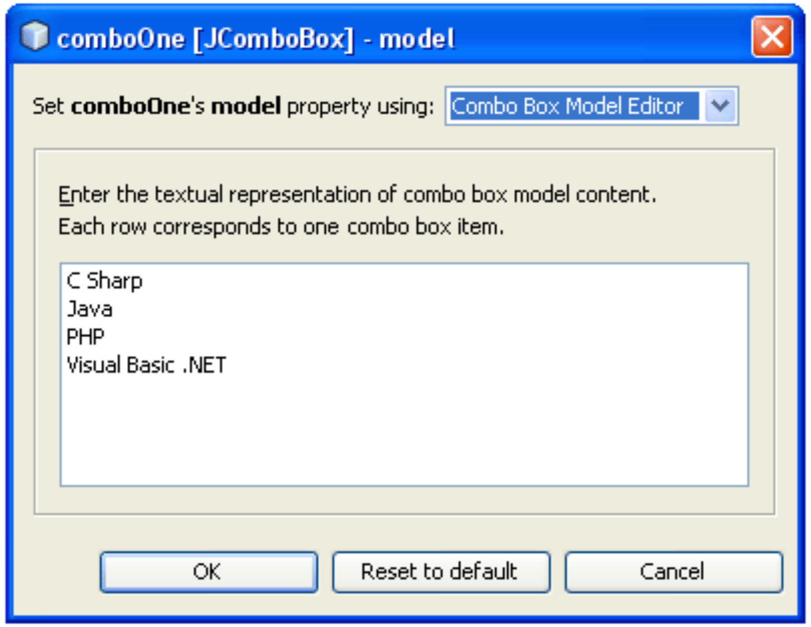
(javax.swing.ComboBoxModel) Model that the combo box uses to get data to display.



Set **comboOne**'s **model** property using: Combo Box Model Editor

Enter the textual representation of combo box model content.
Each row corresponds to one combo box item.

```
Item 1
Item 2
Item 3
Item 4
```

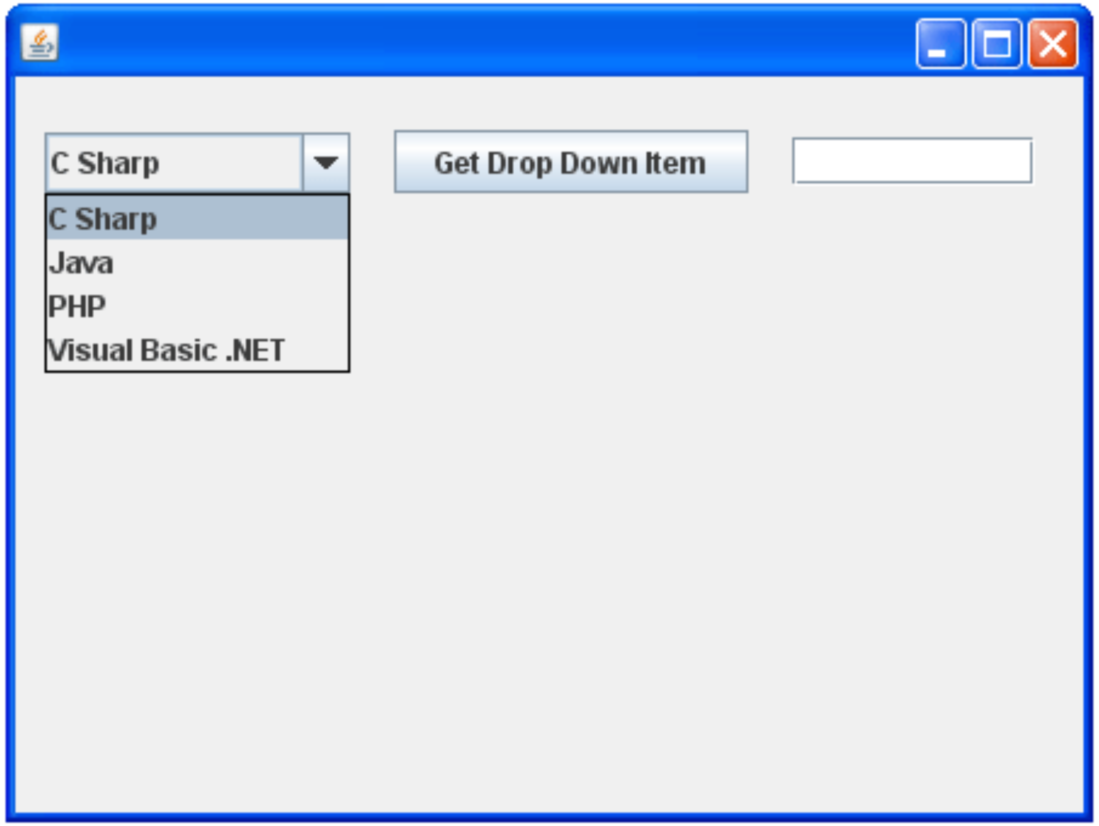


Set **comboOne**'s **model** property using: Combo Box Model Editor

Enter the textual representation of combo box model content.
Each row corresponds to one combo box item.

```
C Sharp
Java
PHP
Visual Basic .NET
```

JCOMBOBOX CONTROL



CODES

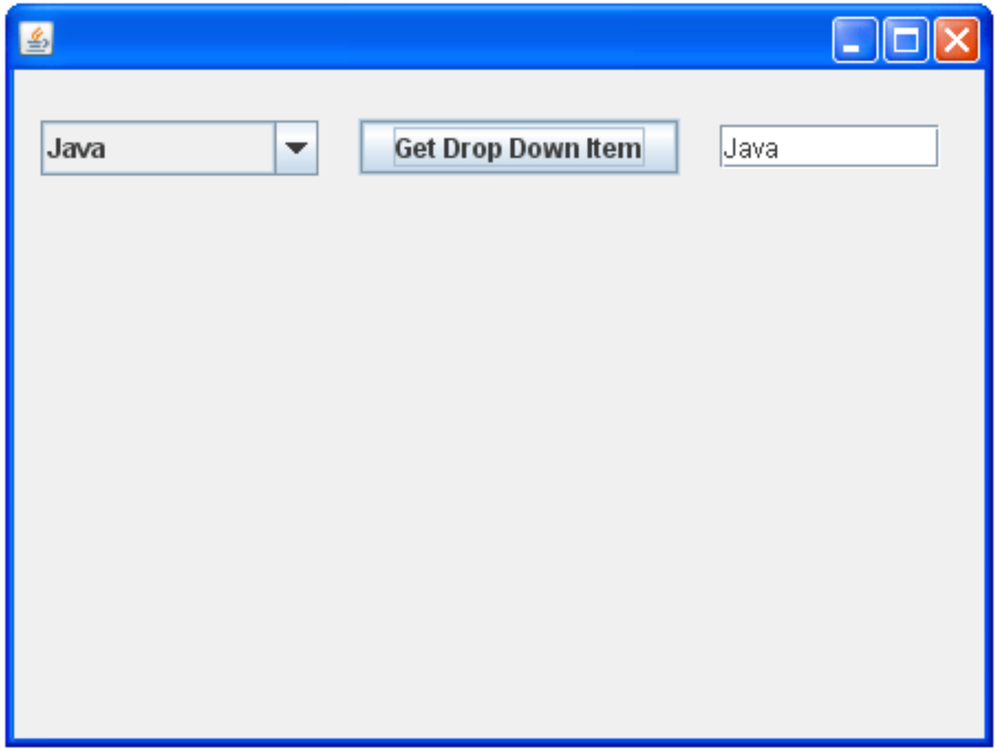
Code untuk button:

```
String itemText = (String)comboOne.getSelectedItem( );
```

Code untuk text field

```
txtComboBoxItem.setText( itemText );
```

HASILNYA →



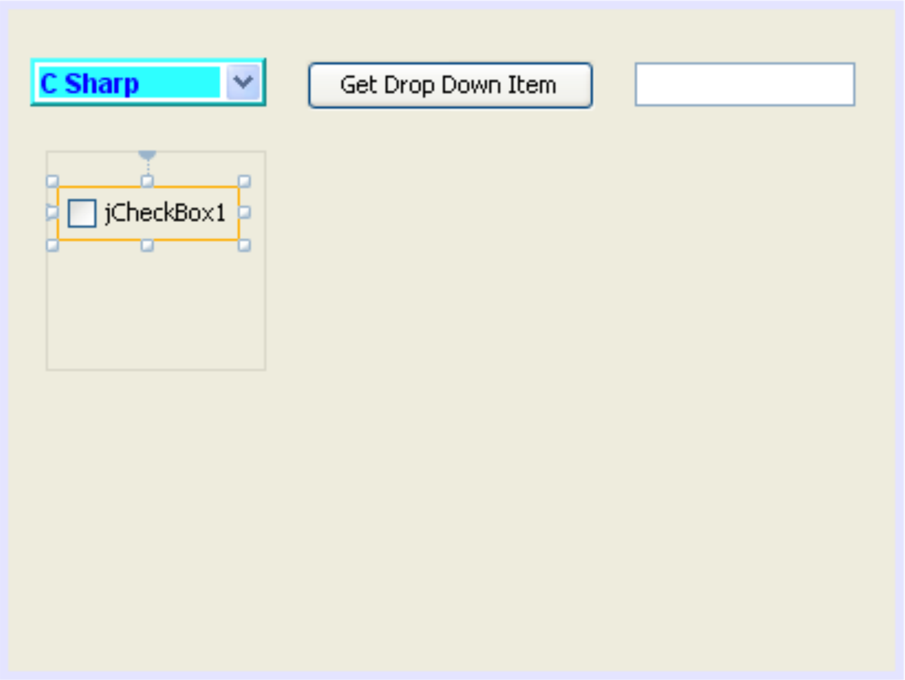
Java

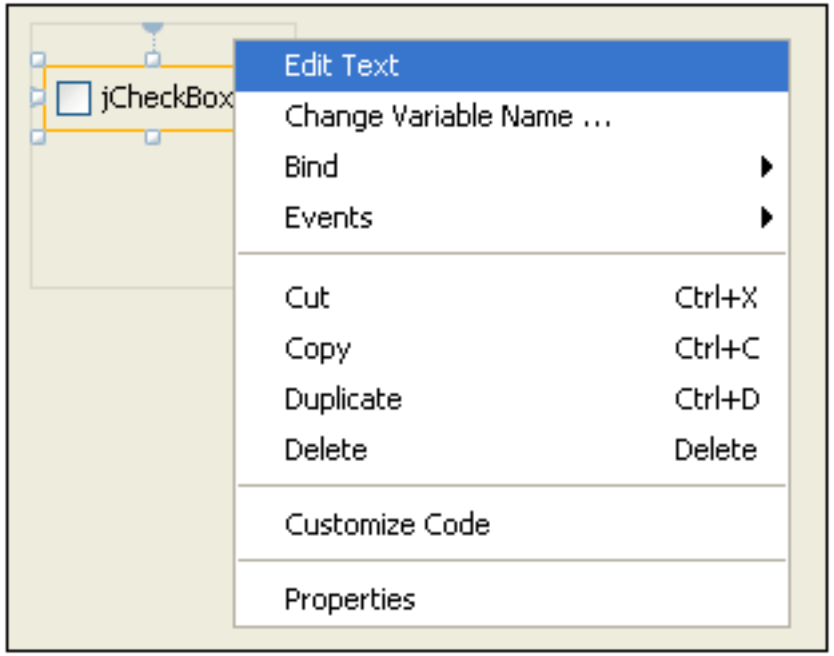
Java

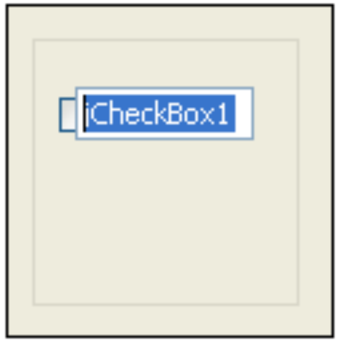
JAVA CHECK BOXES

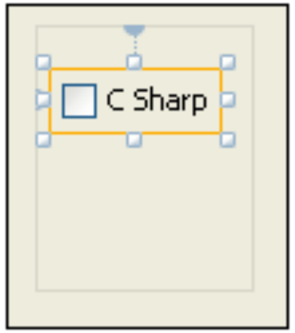
JAVA CHECK BOXES

Tambahkan check box ke panel



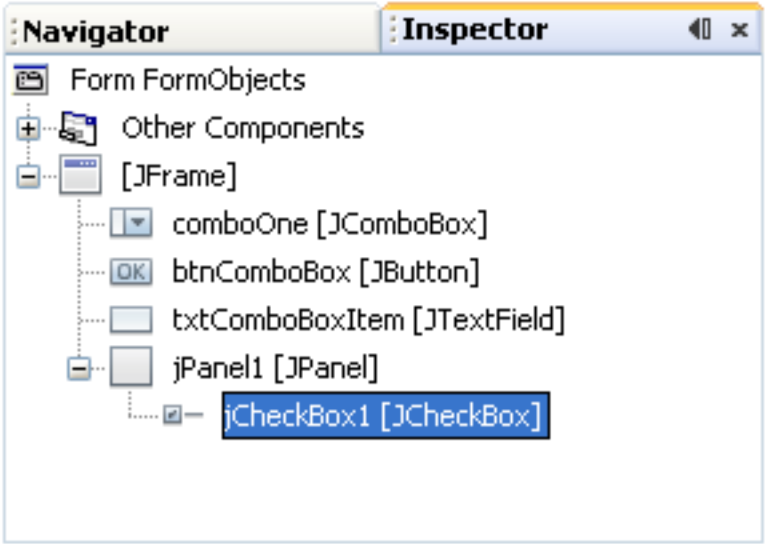






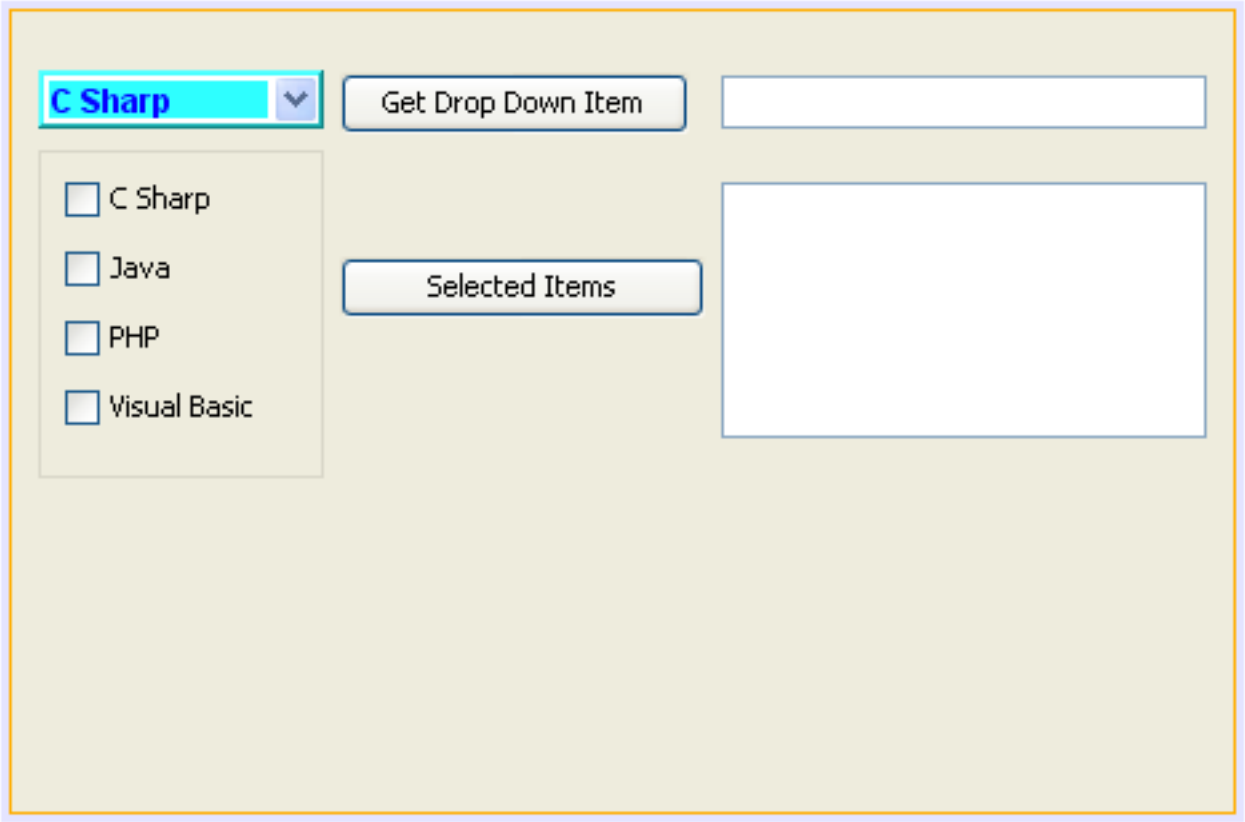
CEK INSPECTOR AREA

Cek inspector area lalu tambahkan beberapa check box sehingga menjadi seperti berikut:



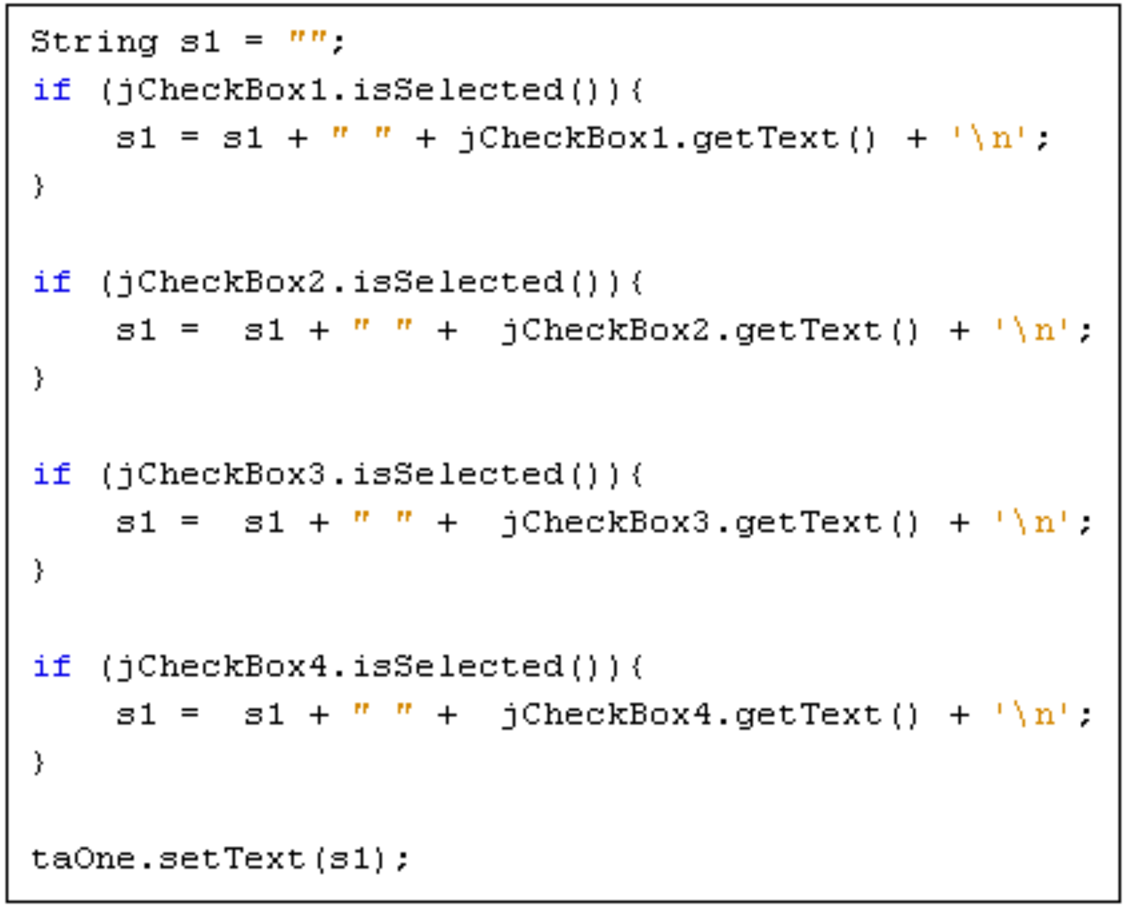
Navigator | Inspector

```
Form FormObjects
+ Other Components
- [JFrame]
    comboOne [JComboBox]
    btnComboBox [JButton]
    txtComboBoxItem [JTextField]
  - jPanel1 [JPanel]
      jCheckBox1 [JCheckBox]
```



CODE

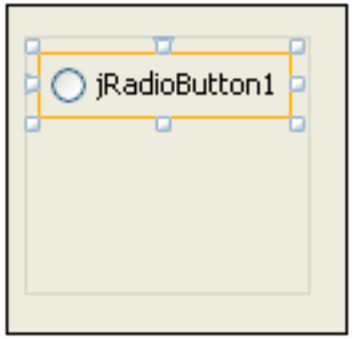
- Java checkboxes punya property bernama “isSelected”. Kita bisa gunakan statement ”IF” untuk memeriksa pilihan di checkboxes.
- Tambahkan code berikut di button “Selected Item”
- Setelah di run, setiap check box yang dipilih akan muncul di text area.
- taOne adalah nama variable untuk text area

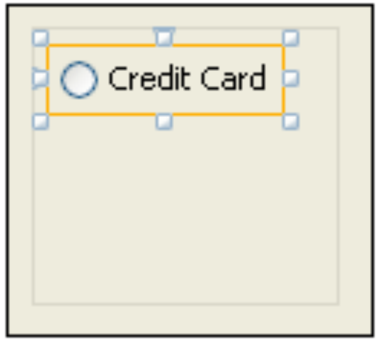


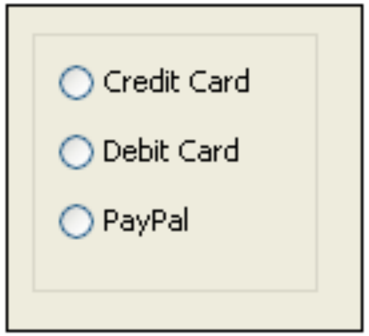
```
String s1 = "";
if (jCheckBox1.isSelected()){
    s1 = s1 + " " + jCheckBox1.getText() + '\n';
}

if (jCheckBox2.isSelected()){
    s1 =  s1 + " " +  jCheckBox2.getText() + '\n';
}

if (jCheckBox3.isSelected()){
    s1 =  s1 + " " +  jCheckBox3.getText() + '\n';
}

if (jCheckBox4.isSelected()){
    s1 =  s1 + " " +  jCheckBox4.getText() + '\n';
}

taOne.setText(s1);
```

JAVA RADIO BUTTONS

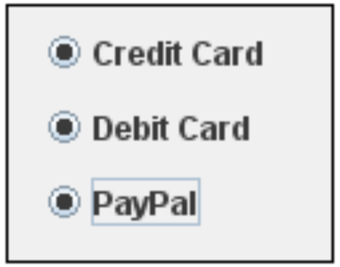
TAMBAHKAN RADIO BUTTON







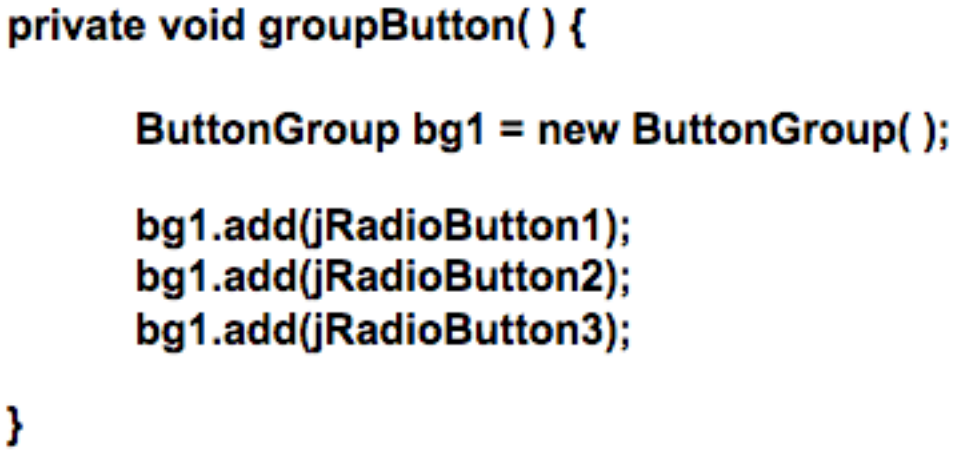
There is, however, a problem with the radio buttons you've just added. To see what the problem is, run your programme again. Now select one of the radio buttons. Try selecting another radio button and you'll find that you can indeed select more than one at the same time:



ADD CODES

With our radio buttons, though, we only want the user to select one payment option. To solve the problem, Java lets you to create something called a **ButtonGroup**. As its name suggest, this allows you to group buttons under one name. You can then add radio buttons to the group. Once you've added buttons to the group, only one option is available for selection.

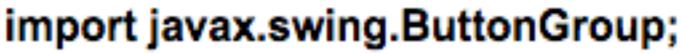
To see how the ButtonGroup works, add the following method to your code, somewhere near the top:



```
private void groupButton( ) {

        ButtonGroup bg1 = new ButtonGroup( );

        bg1.add(jRadioButton1);
        bg1.add(jRadioButton2);
        bg1.add(jRadioButton3);

}
```

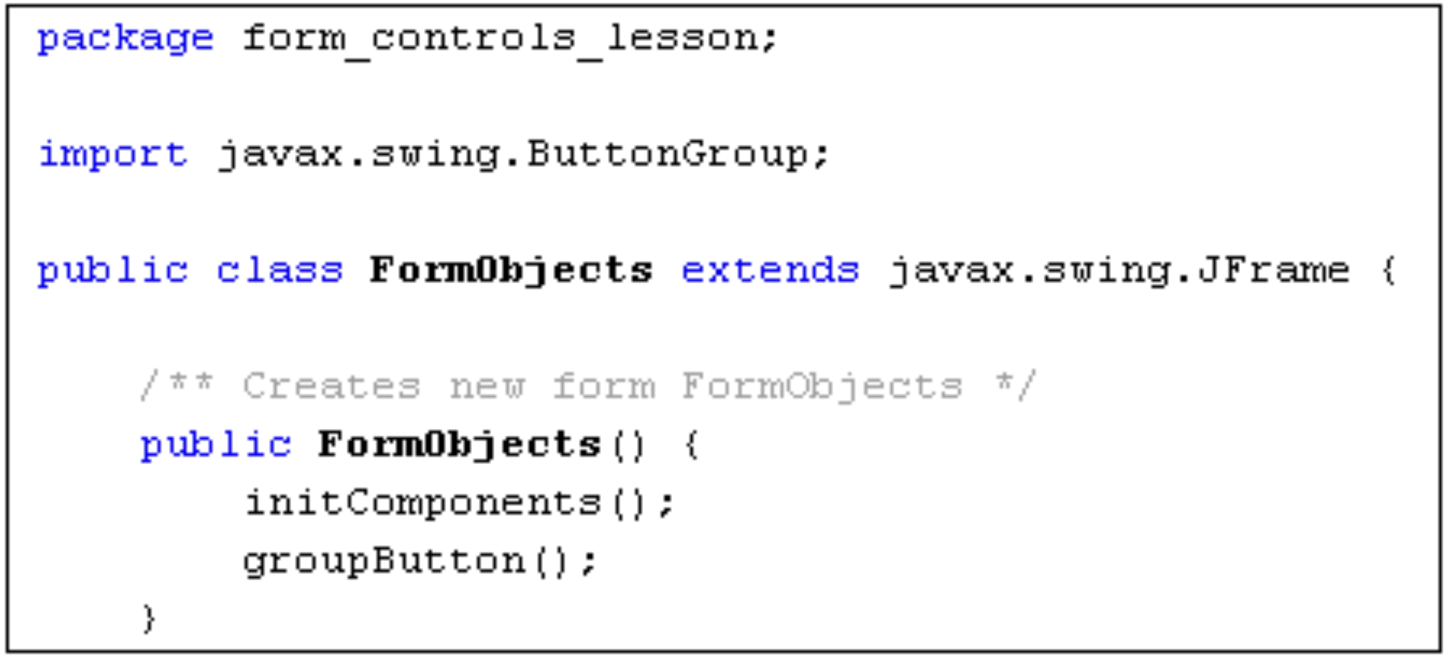
IMPORT LIBRARY

Tambahkan baris program berikut di atas code



```
import javax.swing.ButtonGroup;
```

CODES



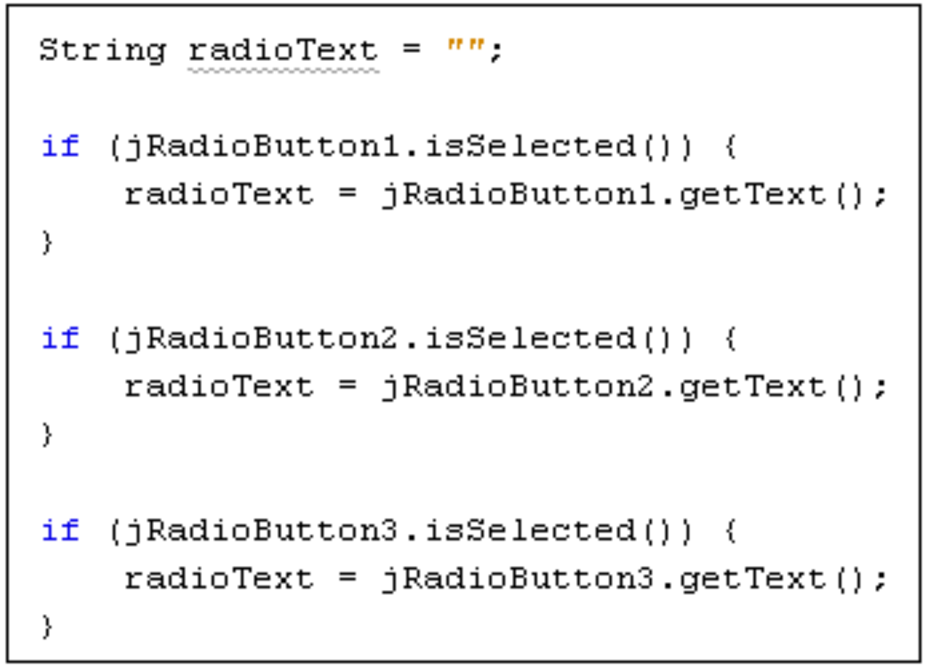
```java
package form_controls_lesson;

import javax.swing.ButtonGroup;

public class FormObjects extends javax.swing.JFrame {

    /** Creates new form FormObjects */
    public FormObjects() {
        initComponents();
        groupButton();
    }
```

TEST

Tambahkan button, yang nantinya ketika di klik akan menampilkan message box dengan informasi pilihan radio button mana yang sedang dipilih

Variable name yang digunakan adalah “btnRadios” dengan text “payment method”

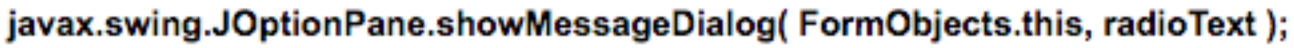
Tambahkan code berikut di button baru anda



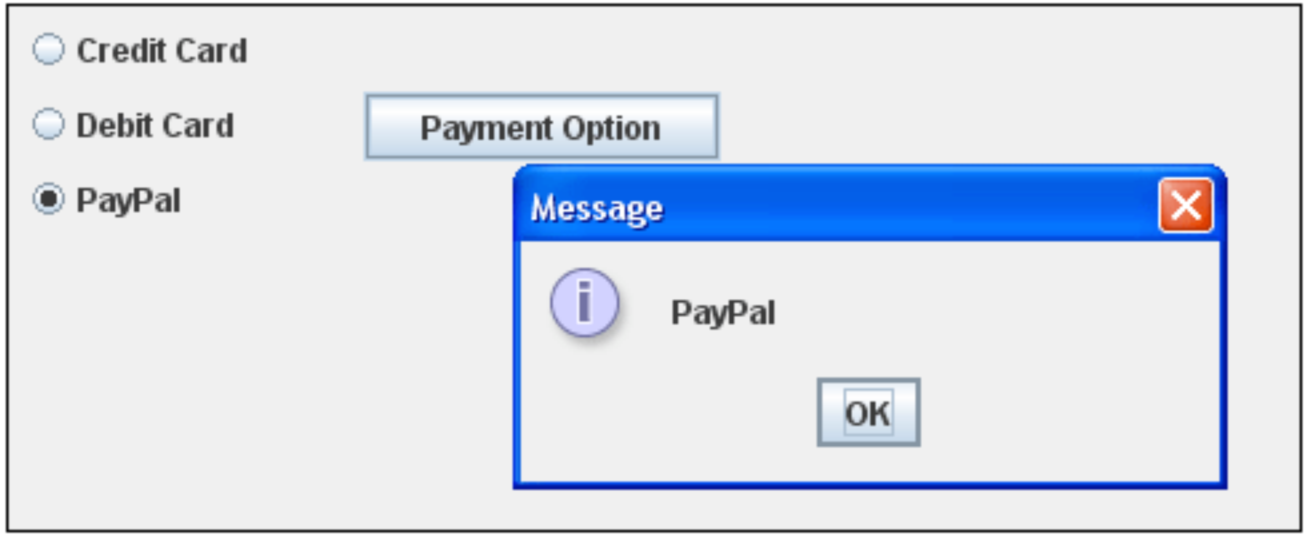
```
String radioText = "";

if (jRadioButton1.isSelected()) {
    radioText = jRadioButton1.getText();
}

if (jRadioButton2.isSelected()) {
    radioText = jRadioButton2.getText();
}

if (jRadioButton3.isSelected()) {
    radioText = jRadioButton3.getText();
}
```

MESSAGE BOX

Dibawah statement if terakhir, tambahkan code berikut:



```
javax.swing.JOptionPane.showMessageDialog( FormObjects.this, radioText );
```



PayPal